

Due 4/7 @ 2:00 p.m.



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

CLEANING AND MAINTENANCE SUPPLIES
City of New Iberia

Project documents obtained from www.CentralBidding.com

07-Mar-2025 08:14:40 AM

ADDEUNDUM #1:

Please be advised that the bid date for the following items shall be postponed to 2:00 p.m. on April 7, 2025:

6-MONTH BIDS
HIGH CALCIUM QUICKLIME (PEBBLE)
ROAD MATERIALS
SANITARY SEWER MATERIALS
CLEANING & MAINTENANCE SUPPLIES

END OF ADDENDUM #1

INVITATION TO BID

CITY OF NEW IBERIA, LOUISIANA

Sealed bids will be opened by the City of New Iberia, Louisiana for the purchase of:

CLEANING AND MAINTENANCE SUPPLIES

FOR THE PERIOD: May 01, 2025, thru October 31, 2025

In the City Hall Council Room located on the 3rd floor of City Hall at:

02:00 p.m. on Wednesday, April 02, 2025

All bids must be submitted to the City Clerk, City Hall – 457 E. Main Street, Suite 300
New Iberia, LA 70560-3700 no later than:

02:00 p.m. on Wednesday, April 02, 2025

ALL BIDS MUST BE SUBMITTED ON THIS FORM TO BE ACCEPTED. FOR ADDITIONAL INFORMATION, ALL POTENTIAL BIDDERS MAY CONTACT THE PURCHASING DEPARTMENT AT (337) 369-2300.

EXECUTION OF BID

EXECUTION OF BID MUST BE SIGNED IN INK

DATE: 3/28/2025

IN COMPLIANCE WITH THIS INVITATION FOR BIDS AND SUBJECT TO ALL THE TERMS, CONDITIONS, AND SPECIFICATIONS LISTED HEREIN, THE UNDERSIGNED OFFERS AND AGREES TO FURNISH ANY AND ALL ITEMS UPON WHICH PRICES ARE QUOTED, AT THE PRICE SET OPPOSITE EACH ITEM. IN THE EVENT OF ANY CONFLICT BETWEEN THE TERMS, CONDITIONS, AND SPECIFICATIONS SET OUT IN THIS INVITATION FOR BIDS AND ANY MATERIAL SUBMITTED WITH THE BIDDER'S RESPONSE TO THE INVITATION FOR BIDS, THE TERMS, CONDITIONS, AND SPECIFICATIONS OF THE INVITATION FOR BIDS SHALL CONTROL ANY CONFLICTING MATERIAL.

Economical Janitorial
AND Paper Supplies LLC
NAME OF FIRM (PRINT)

Suzie Migliore
SIGNATURE (PERSON AUTHORIZED TO SIGN BIDS)
BIDS MUST BE SIGNED IN INK

P.O. Box 23607
ADDRESS

Suzie Migliore
TYPE OR PRINT NAME

New Orleans, LA 70183-3607
CITY, STATE, ZIP

President
TITLE

504-464-7166 x3110
PHONE

Suzie@economicaljanitorial.com
E-MAIL

INSTRUCTIONS TO BIDDERS:

DELIVERY SHALL BE F.O.B. CITY OF NEW IBERIA, LOUISIANA, TO THE SPECIFIED DEPARTMENT LOCATIONS WITHIN TWO (2) BUSINESS DAYS OF ORDER.

ANY AND ALL FREIGHT AND/OR FUEL SERVICE CHARGES MUST BE INCLUDED IN YOUR TOTAL BID PRICE.

ANY DEVIATION FROM THESE SPECIFICATIONS MUST BE NOTED ON A SEPARATE SHEET OF PAPER.

THE CITY OF NEW IBERIA RESERVES THE RIGHT TO AWARD BIDS BASED ON MAJORITY QUOTE.

IN THE EVENT THE SUCCESSFUL BIDDER DOES NOT HAVE MATERIAL AVAILABLE WITHIN THE TIME PERIOD SPECIFIED, THE CITY SHALL PURCHASE THE MATERIAL AT THE PREVAILING MARKET PRICE AND THE SUCCESSFUL BIDDER SHALL BE LIABLE FOR ANY PRICE INCREASE TO THE CITY. THE SUCCESSFUL BIDDER MUST, AT ALL TIMES, HAVE SOMEONE AT THEIR LOCATION TO SERVE THE CITY OR THEY WILL BE SUBJECT TO THE CANCELLATION OF BID AWARD.

THE CITY OF NEW IBERIA, LOUISIANA IS EXEMPT FROM STATE AND LOCAL SALES AND USE TAX.

MAIL OR HAND DELIVER BID FORM TO: CITY OF NEW IBERIA, CITY CLERK, 457 EAST MAIN STREET, SUITE 300, NEW IBERIA, LOUISIANA 70560-3700. BIDS MAY ALSO BE SUBMITTED ONLINE AT WWW.CENTRALBIDDING.COM. BIDS MUST BE SUBMITTED BEFORE BID OPENING DATE AND TIME.

ALL ENVELOPES MUST BE CLEARLY MARKED ON THE OUTSIDE WITH:
BID ENCLOSED – CLEANING & MAINTENANCE SUPPLIES (April 02, 2025)

CERTAIN BRAND NAMES ARE LISTED TO INDICATE THE MINIMUM QUALITY ACCEPTABLE TO THE CITY. THEY ARE NOT INTENDED TO BE RESTRICTIVE OR DISCRIMINATORY IN ANY MANNER WHATSOEVER.

Warehouse 100 - Elmwood

<u>New Orleans Metro Area</u>	Mon	Tue	Wed	Thu	Fri
N.O. - Uptown, Downtown, Metairie, Kenner, Jefferson, Westbank, Belle Chasse	X	X	X	X	X
N.O. East, Chalmette, Lakefront	X			X	
Port Sulphur, Buras, Boothville	X				
Lafitte			X		X
French Quarter		X	X	X	X
<u>River Parishes</u>	Mon	Tue	Wed	Thu	Fri
Destrehan, Garyville, Laplace, Norco, St Rose, Luling	X	X	X	X	X
Boutte, Hahnville	X	X	X	X	X
Convent, Gramercy, Lutcher, Paulina, Union, Montz		X			X
St James, Donaldsonville, Vacherie		X			
<u>Houma</u>	Mon	Tue	Wed	Thu	Fri
Gray, Houma	X			X	
Cutoff, Golden Meadow, Bourg, Des Allemands, Larose, Lockport, Paradis, Raceland		X		X	
Morgan City, Napoleonville, Schriever, Thibodaux			X		
Amelia, Belle Rose, Gibson, Labadieville	X				
<u>Baton Rouge Metro Area</u>	Mon	Tue	Wed	Thu	Fri
DT Baton Rouge, Mid City North, Scotlandville, Lobdell, LSU	X	X	X	X	X
Baton Rouge Lower, Highland, Burbank, Sherwood Forest, Broadmoor	X	X		X	X
Port Allen, Brusly			X		X
Plaquemine City			X		
Denham Springs, Walker, Greenwell Springs, Central, New Roads, Batchelor	X				
Burnside, Geismar, Gonzales, Prairieville, St. Amant		X	X	X	X
St Francisville, Clinton, Jackson, Angola			X		
Baker, Zachary				X	
<u>Lafayette Area</u>	Mon	Tue	Wed	Thu	Fri
Crowley, Jennings, Kaplan			X		
Lafayette, Breaux Bridge, Broussard			X		X
Abbeville, Centerville, Franklin, Gross Tete, New Iberia, Patterson		X			X
<u>Northshore</u>	Mon	Tue	Wed	Thu	Fri
Slidell	X		X		
Covington, LaCombe, Mandeville, Madisonville		X			X
Hammond, Livingston, Ponchatoula, Springfield		X		X	
Amite, Greensburg, Independence, Kentwood, Loranger, Roseland		X		X	
Mt Hermon				X	
Greensburg, Pine Grove		X			
Franklinton, Folsom, Abita Springs, Pine	X				
Bogalusa, Bush, Pearl River, Varnado, Angie, Pearl River					X
<u>Mississippi Gulf Coast</u>	Mon	Tue	Wed	Thu	Fri
Stennis, Picayune, Pascagoula, Ocean Springs			X		
Bay St Louis, Biloxi, Gulfport, Longbeach			X		X

Warehouse 200 - Alexandria

	Mon	Tue	Wed	Thu	Fri
Alexandria	X	X	X	X	X
Pineville	X		X		X
DeRidder, Leesville, Merryville , Singer, Longville	X		X		X
Marksville, Cottonport		X		X	
Opelousas, Eunice, Ville Platte, Carencro			X		X
Winnfeild, Ruston, Olla			X		X
Winnsboro, Rayville			X		X
Monroe, W Monroe, Delhi			X		X
Natchitoches				X	
Coushatta, Minden , Mansfield		X		X	
Many- Every other Week			X	X	
Lake Charles, Sulphur, Vinton, Westlake	X		X		X
Kinder, Oakdale				X	
Shreveport, Bossier City		X		X	

CITY OF NEW IBERIA

CLEANING & MAINTENANCE SUPPLIES

BID FORM SPECIFICATIONS

Economical Janitorial
AND PAPER SUPPLIES LLC

ITEM DESCRIPTION (ANY ITEM THAT YOU BID ON THAT DOES NOT MEET OUR SPECIFICATIONS ON SIZES WILL BE REJECTED). ALL BIDS MUST BE SUBMITTED ON THIS FORM.	BRAND	ITEM#	SIZE (OZ, LB, ETC.)	COST PER SINGLE	COST PER CASE	HOW MANY IN CASE
PAPER PRODUCTS						
BROWN ROLL PAPER TOWELS	Hitech	ES- DP330HN	12" X 350'	N/A	21.95	12/350'
KITCHEN ROLL PAPER TOWELS	Domtar	AM-SS5	30/100 ^{35 sheets}	N/A	30.84	30/85
MULTI-FOLD NAUTUAL PAPER TOWELS	Hitech	ES- MEW4000	16/250'	N/A	16.95	16/250
TOILET TISSUE - 2-PLY	Domtar	AM-270	96/500'	N/A	36.50	96/500
TOILET TISSUE - 2-PLY JUMBO	Hitech	ES-JT122	6/4000 Sm Recc	N/A	35.90	6/2000'
TOILET TISSUE - 2-PLY JUMBO JR	Hitech	ES-JT122	12/1000'	N/A	35.05	12/1000'
6-OZ STYRO CUPS	DART	DA-656	PK 1000	N/A	25.46	1000
8-OZ STYRO CUPS	DART	DA-858	PK 1000	N/A	29.78	1000
12-OZ STYRO CUPS	DART	DA-12512	PK 1000	N/A	42.26	1000
GARBAGE CAN LINERS, WHITE, HEAVY DUTY, 13-GALLON	Berry Global	45F- 2432XW	24" X 33"	N/A	15.81	500
GARBAGE CAN LINERS, WHITE, HEAVY DUTY, 20-30 GALLON	Berry Global	45F- 3036XW	30" X 36"	N/A	12.89	200
GARBAGE CAN LINERS, WHITE, HEAVY DUTY, 40-50 GALLON	Berry Global	45F- 3058XW	38 X 58	N/A	12.15	100
GARBAGE CAN LINERS, WHITE, HEAVY DUTY, 60-GALLON (6int)	Berry Global	45F- 3863X58	38 X 63 DRUM	N/A	19.69	50
CLEANING PRODUCTS						
CARROLL PURDY POTTY TOILET BOWL CLEANER	Betco	BC-71	12/32 oz.	N/A	24.39	12/32
PLEDGE FURNITURE POLISH	Pledge	55M- 361108	6/14.2 oz	N/A	37.30	6/14.2
WINDEX GLASS CLEANER	Windex	55M- 323338	8/32 oz.	N/A	32.60	8/32
STAINLESS STEEL CLEANER	CHASC	433-4111	12/18 oz.	N/A	33.12	12/18
DIAL ANTISEPTIC LIQUID HAND CLEANER	Hitech Ant.	ES- BAC-5843	GALLON	7.24	28.96	PK 4/1 gal
DAWN DISH DETERGENT	Hitech Squenky	ES- 5858	GALLON	6.49	25.96	PK 4/1 gal
HOSPITAL DISINFECTANT SPRAY	CHASE	433-4104	12/16.5	N/A	32.97	12/16.5

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LIQUID COMET W/ BLEACH (32-OZ SPRAY BOTTLE)	Comet w/ Bleach	PG 03387	32-OZ	N/A	53.85	8/32
LEMON PLUS DISINFECTANT	Hitch	ES-1LT	GALLON	8.35	33.40	4/1 gal
MISTY SUMMER BREEZE SPRAY DEODORIZER (ALL FRAGRANCES)	Hitch	EJ-161	10-OZ	N/A	42.10	12/10oz
TOILET BOWL BLOCKS W/ PLASTIC HANGERS	Hospico	HC-0841	4-OZ	N/A	14.58	12
URINAL BLOCKS	B.G.D	BD-903	3-OZ	N/A	7.43	12
TILEX SPRAY BOTTLE	Tilix	EX-35600	GALLON 930	N/A	51.74	9/32
COMET POWDER	BABO	BN-2288	24/21oz	N/A	28.29	24/21
MULBERRY TOP SCRUB Fresh Scent	Bctco	BC-670	4/1 gallon	0.74	26.96	4/1 gal
LAVA SOAP (BAR) SINGLE ONLY, NO CASE REQUIRED	LAVA	JS-29001	48/4oz	N/A	53.54	48/4oz
GO-JO (LIQUID WITH PUMICE)	Go Jo	GS-295504	4/1 gallon	N/A	66.43	4/1 gal
CLOROX (GALLON) 99.9% KILLS VIRUSES	Clorox	CS-30246	PK 3/21oz	N/A	21.98	3/21oz
BLEACH (GALLON) 99.9% KILLS VIRUSES - PLEASE SPECIFY	Brite	SR-46117	PK 6/1 gallon	N/A	19.65	6/1 gal
FABULOSOS (GALLON REFILL SIZE) ALL FRAGRANCES	Hitch LAYULOS	ES-5370	PK 4/1 gallon	5.90	23.60	4/1 gal
409 CLEANER	409	CS-35300	PK 4/1 gallon	N/A	46.03	4/1 gal
CLOROX CLEAN-UP W/ BLEACH (SPRAY BOTTLE)	Clorox	CS-35417	9/32oz	N/A	45.84	9/32
LYSOL SPRAY	LYSOL	94-22301	12/19oz	N/A	109.90	12/19oz
OTHER DISINFECTING SPRAY (PLEASE SPECIFY)	CHAIRS COUNTRY SCENT	CM-1001	12/17oz	N/A	37.10	12/17
NILIUM ODOR NEUTRALIZER	Hitch Brite	HS-5347	PK 4/1 gallon	8.80	35.30	4/1 gal
PURELL HAND SANITIZER	Purell	PS-53912	PK 12/12oz	N/A	52.60	12/12
HAND SANITIZER (PLEASE SPECIFY)	MUTOL	MU-5630	PK 12/16oz	N/A	51.90	12/16
PERFORMANCE PLUS HAND SANITIZER	Bctco	BC-75004	PK 4/1 gallon	N/A	71.19	4/1 gal
CLEANING MATERIALS - EQUIPMENT						
LATEX GLOVES NON-POWDERED ~ ALL SIZES	TAADex	TL-2301	10/100	N/A	40.50	10/100
NON-LATEX GLOVES (BLUE NITRAL) ~ ALL SIZES	TAADex	TL-2401	10/100	N/A	32.88	10/100
RAGS FOR SHOP USE - COLORED	CCI	CC-I-D	25#	N/A	18.49	25#
RAGS FOR SHOP USE - WHITE	CCI	CC-I-Z	25#	N/A	40.20	25#
BROOM (WAREHOUSE) 26-LB	Hitch	EJ-300P	EACH	6.65	79.80	Dz
BROOM (PARLOR HOUSE)	Hitch	EJ-100P	EACH	3.95	47.40	Dz
PUSH BROOM HANDLE (METAL THREADS)	ABCO	AB-01104	EACH	3.24	38.88	Dz
PUSH BROOM HEAD	ABCO	AB-12003	EACH	8.35	100.20	PK 12
MOP HANDLE FOR MOP HEADS BELOW	ABCO	AB-01210NB	EACH	4.55	54.60	Dz
RAYON MOP HEAD SCREW TYPE 16-OZ	ABCO	AB-33016	EACH	3.84	46.08	PK 12

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RAYON MOP HEAD SCREW TYPE 24-0Z	ABCO	AM32024	EACH	5.42	65.04	PK12
MOP BUCKET W/ RINGER	HITCH	EJ-5835	SET	45.65	45.65	SET
DUST MOP HANDLES	ABCO	AB-D1400NB	EACH	5.67	68.04	DZ
DUST MOP HEAD (18" X 5")	ROYAL	RB185DH	EACH	3.95	47.40	PK12
DUST MOP HEAD (24" X 5")	NEXSTEP	96034	EACH	4.75	57.00	PK12
DUST MOP HEAD (36" X 5")	NEXSTEP	96036	EACH	5.73	68.76	PK12
DUST MOP FRAME (18" X 5")	ABCO	BH24518	EACH	2.68	32.16	PK12
DUST MOP FRAME (24" X 5")	ABCO	BH24524	EACH	2.88	34.56	PK12
DUST MOP FRAME (36" X 5")	ABCO	BH24536	EACH	3.90	46.80	PK12
SOS PADS (REGULAR SIZE ONLY)	SOS	6x88320	12/15	N/A	52.35	12/15
ARMOR-ALL (LARGE REFILL BOTTLE)	HITTECH VINYL PREPARATOR	EJ-5114	PK41.9AL	N/A	57.95	41.9GALLON
BLUE FOOD SERVICE TOWELS	HUMBOLDT CLARK	05925	PK300	N/A	51.70	300/CASE
DUST MOP TREATMENT SYSTEM	HITTECH	EJ875	PK12/14	N/A	35.04	12/14
TIRE SHINE	HITTECH TIRE SHINE	EJ-5883	GALLON	22.23	88.92	41.9GALLON

ECONOMICAL JANITORIAL & PAPER SUPPLIES, LLC

P.O. BOX 23607
1420 -F SAMS AV
NEW ORLEANS, LA 70183-3607
(504) 464-7166
FAX (504) 465-9563
www.economicaljanitorial.com

April 1, 2025

City Of New Iberia
City Clerk, City Hall
457 E. Main Street
Suite 300
New Iberia, LA 70560-3700

Reference Bid: Cleaning and Maintenance

Subject Deviations:

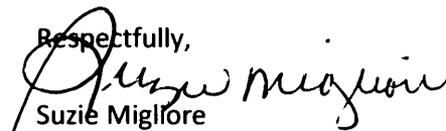
Dear Sir/Mam:

I would like to submit the following deviations for review.

Kitchen Paper Towels are packed 30 rolls/ 85 sheets case
Toilet Tissue – 2-Ply Jumbo EJ-JT122 packed 6/2000' case
Garbage Can Liners Berry Global LBR3863X5B liner is black in color
DiaL Antiseptic Hand Cleaner quoting Hitech Soft Pink Antiseptic/ Antibacterial gallon
Dawn Dish Soap quoting Hitech Squeaky Clean Dish Soap gallon
Misty Summer Breeze Deodorizer quoting Hitech EJ-161 Apple Breeze 12/10 oz.
Mulberry Top Scrub quoting Betco BC-670 has a fresh scent fragrance gallon
Fabulosos Gallon Refill quoting Hitech Lavaloso Gallon Refill
Niliium Odor Neutralizer quoting Hitech Bio-activator Melon gallon
Performance Plus Hand Sanitizer quoting Betco Hand Sanitizer gallon
Armour-All Quoting Hitech Vinyl Protector gallon

Thank you so much for the Opportunity to quote!

Respectfully,


Suzie Miglfore
President

ECONOMICAL JANITORIAL & PAPER SUPPLIES, LLC

P.O. BOX 23607
NEW ORLEANS, LA 70183-3607
(504) 464-7166
FAX (504) 465-9563
www.economicaljanitorial.com

March 28, 2025

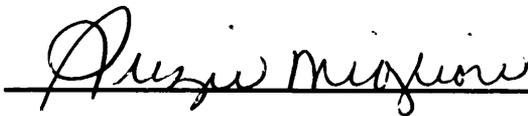
Special Meeting of the Board of Directors of
Economical Janitorial & Paper Supplies LLC

A special meeting of the Board of Directors was called on Friday March 28, 2025 at the offices of Economical Janitorial & Paper Supplies, LLC located at:

1420 Sams Avenue
Suite F
Harahan, LA 70123

Suzie Migliore was appointed chairperson of the meeting and a waiver of notice and of the reading of the previous meeting minutes was approved by all present which included all directors. The purpose of this meeting was to authorize Suzie Migliore, President of Economical Janitorial & Paper Supplies, LLC to Bid – Sealed Bids for Cleaning and Maintenance Supplies for the City of New Iberia, Louisiana.

All present voted to authorize the above and being no further business the chairperson adjourned the meeting.

A handwritten signature in cursive script, reading "Suzie Migliore", is written over a solid horizontal line.

Suzie Migliore



JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Economical Janitorial & Paper Supplies, LLC

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).

This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council - South, a WBENC Regional Partner Organization.

Certification Granted: September 30, 1998
Expiration Date: September 30, 2025
WBENC National Certification Number: 2005108408

Authorized by Phala Mire, President Women's Business Enterprise Council - South



NAICS: 424130, 423850
UNSPSC: 14000000, 14110000, 14111700, 47130000, 47131600, 47131604





WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

**HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO**

Economical Janitorial & Paper Supplies, LLC

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: Suzie Migliore
NAICS: 424130, 423850
UNSPSC: 14000000, 14110000, 14111700, 47130000, 47131600, 47131604
Certification Number: W080245
Renewal Date: September 30, 2025
WOSB Regulation Expiration Date: 9/30/2026

Phala Mire, Women's Business Enterprise Council - South President

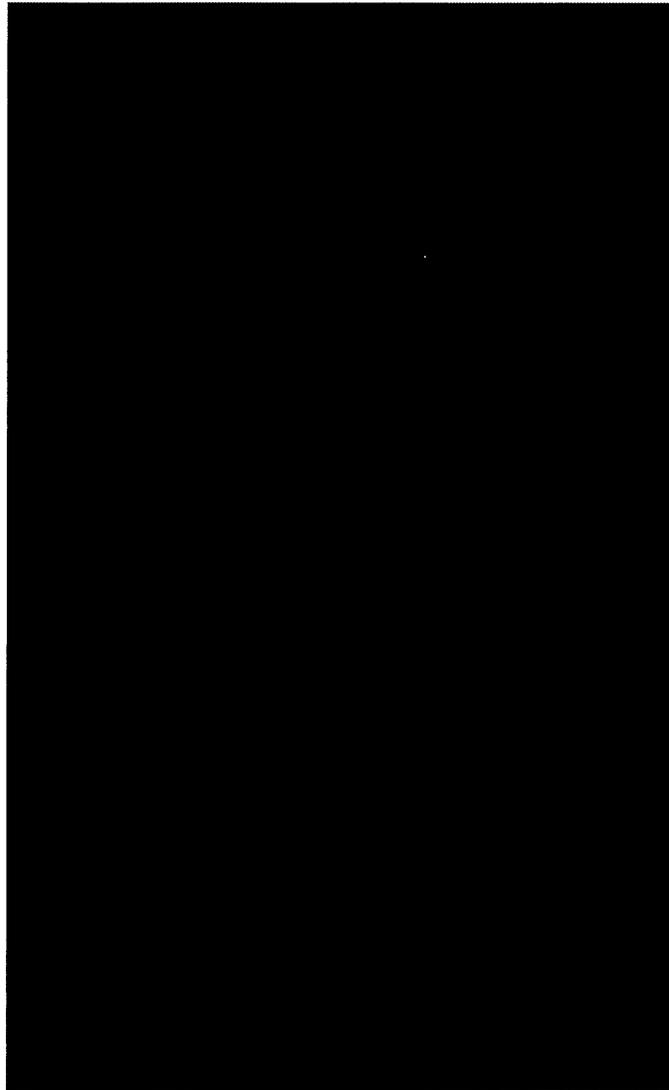
Pamela Prince-Easton, WBENC President & CEO

LaKesha White, Sr. Vice President, Certification



JOIN FORCES. SUCCEED TOGETHER.

Hi-Tech[®] Non-Perf Kraft Roll Towel
Item# EJ-DP350HN



100% recyclable.
Color: Natural Brown Kraft
Roll width: 7.75"
Length: 350'
Sold By: 12 Rolls per Case



Domtar

Universal Tissue & Towel Products



**Bringing the comforts of home to your facility
with our trusted, sustainable brands.**

green
heritage
pro



Green Heritage® Pro

WE HAVEN'T GONE GREEN. WE WERE BORN GREEN.

Green Heritage Pro tissue and towel products deliver value and sustainability. Our products have the visual appeal, softness and strength customers need all at a great value.

Harmony® Pro

PREMIUM TISSUE. SUPERIOR COMFORT.

Our premium paper towels and bath tissue couple upscale softness with strength and absorbency.



Most internally manufactured Green Heritage Pro and Harmony Pro products carry the SFI® Certified Sourcing label on the packaging.



100% recycled products carry the Green Seal® certification.

HARDWOUND ROLL TOWEL

PROD-UCT NUMBER	BRAND NAME	PRODUCT DESCRIPTION	SHEET SIZE	CASE CT	CASE CUBE	TI X HI	CASE WEIGHT (lb)	CASES/ TL	CS/ PALLET	PAL-LETS/ TL	CERT.
8007	Green Heritage Pro	White, 1-ply	7.75" x 800'	6	2	5 x 11	21.9	1650	55	30	SFI
8000	Green Heritage Pro	Kraft, 1-ply, 100% recycled	7.75" x 800'	6	2	5 x 11	22.05	1650	55	30	

CENTER PULL TOWEL

327600	Harmony Pro	White 2-ply, 600 sheets/roll	7.6" x 9.0"	6	1.9	5 x 12	23	1800	60	30	SFI
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KITCHEN ROLL TOWEL

* 585	Green Heritage Pro	2-ply, 85 sheets/roll	11.0" x 8.0"	30	4.2	6 x 4	13.06	720	24	30	SFI
223210	Green Heritage Pro	2-ply, 210 sheets/roll	11.0" x 8.0"	12	2.4	6 x 8	12.58	1344	48	28	SFI

JUMBO ROLL TISSUE

700	Green Heritage Pro	1000', 2-ply	Fits 9" dia., 3.4" width	12	2.3	5 x 13	20.1	1430	65	22	SFI
800	Green Heritage Pro	2-ply	Fits 9" dia., 3.4" width	12	2	5 x 13	12.74	1690	65	26	SFI
901	Green Heritage Pro	1-ply	Fits 9" dia., 3.4" width	12	2.2	5 x 13	16.97	1430	65	22	SFI
062	Green Heritage Pro	2-ply	Fits 12" dia.	6	1.9	6 x 9	14.28	1620	54	30	SFI

SINGLE ROLL TISSUE

221205	Green Heritage Pro	2-ply, 500 sheets/roll	4" x 3.8"	48	2.3	5 x 11	15.4	1430	55	26	SFI
275	Green Heritage Pro	2-ply, 500 sheets/roll	4.4" x 3.1"	96	4.6	5 x 5	27.06	650	25	26	SFI
276	Green Heritage Pro	2-ply, 500 sheets/roll	4" x 3.1"	96	4.2	5 x 6	24.68	780	30	26	SFI
235	Green Heritage Pro	2-ply, 500 sheets/roll	4.4" x 3.5"	96	4.8	5 x 5	30.33	650	25	26	SFI
248	Green Heritage Pro	2-ply, 400 sheets/roll	4" x 3.1"	96	4.3	5 x 6	20.05	780	30	26	SFI
115	Green Heritage Pro	1-ply, 1000 sheets/roll	4" x 3.1"	96	4.2	5 x 6	30.93	780	30	26	SFI
115UW	Green Heritage Pro	Unwrapped 1-ply, 1000 sheets/roll	4" x 3.1"	96	4.2	5 x 6	33.52	780	30	26	SFI
321374B	Harmony Pro	2-ply Premium, 465 sheets/roll	4" x 3.5"	80	3.7	6 x 6	23.19	936	36	26	SFI

FACIAL TISSUE

324330	Harmony Pro	2-ply, 100 sheets/box	7.5" x 8.2"	30	1.5	8 x 10	9.26	2080	80	26	
324336	Harmony Pro	Cube 2-ply, 85 sheets/box	7.5" x 8.2"	36	2.2	7 x 6	17.05	1260	42	30	

All product specifications are subject to change without notice. All case weights are approximate and subject to minor variations.



Meets the material requirements of the Federal Comprehensive Procurement Guideline Program.

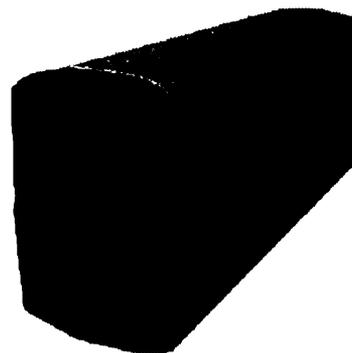


This product meets Green Seal® Standard GS-1 based on chlorine-free processing, energy and water efficiency, and content of 100% recycled content with a minimum of 50% postconsumer material.

GreenSeal.org

EJ-MFN4000 Folded Towels

Discover our absorbent folded towels for various settings - easy to load, dispense, and designed to control usage, reducing waste. An eco-friendly solution for all your needs.



PRODUCT	
Item #	EJ-MFN4000
Color	Kraft
Sheet Count	250
Sheet Width	9.5
Sheet Length	9.25
Fold Type	Multi Fold

CASE/PALLET	
Units per Case	16
Case Width	13.5
Case Length	18.5
Case Height	9.25
Cases per Pallet	70

ENVIRONMENTAL	
Recycled Content	100%
Post-Consumer	50% MIN
Chlorine-Free	Yes
Green Seal®	Yes
LEED MR	1.1-1.3
LEED EQ	3.4-3.6

Compatible Dispensers



175AO



TT500B



Green Seal® certified for 100% recycled material and sustainable production practices.

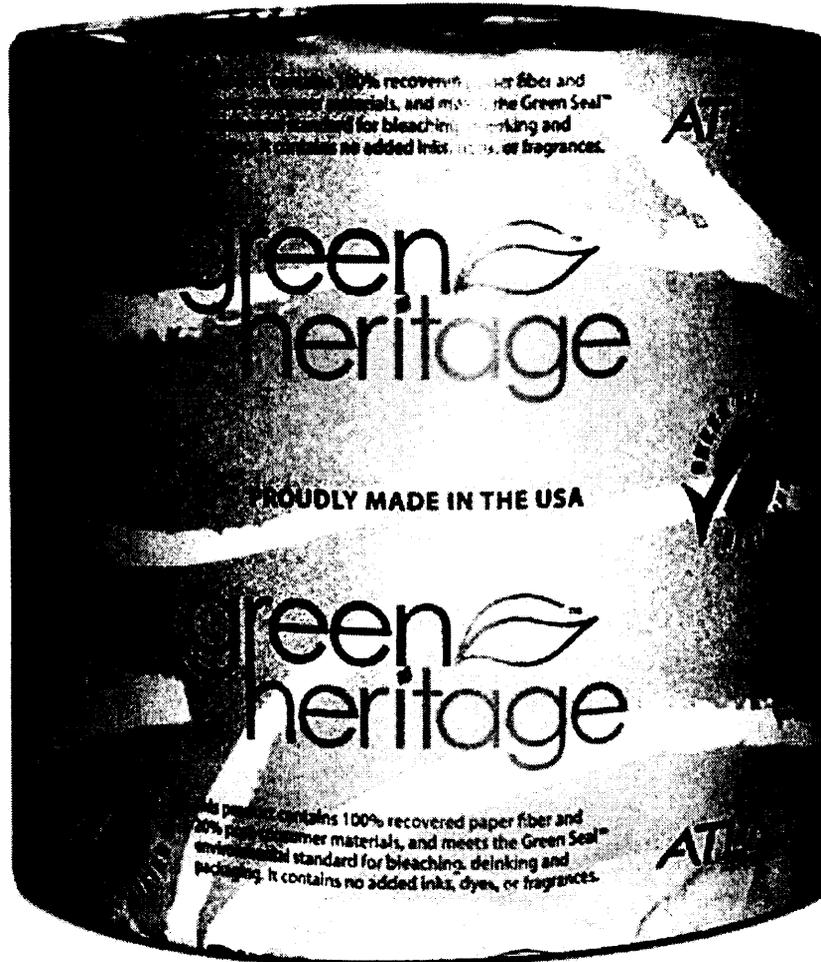
SOLUTIONS

(800) 735-6745

www.economicaljanitorial.com

Economical
Janitorial & Paper Supplies, LLC

**Atlas Paper Mills™ Green Heritage™
Bathroom Tissue**
Item #: APM-276



Soft & Absorbent • Overall embossed • Individually Wrapped
Safe for All Septic Systems

Brand: Green Heritage
Ply: 2 Ply
Color: White
Sheets Per Roll: 500
Sheets Size: 4.1" x 3.1"
Sold By: a Case of 96 Rolls



Economical
Janitorial & Paper Supplies, LLC

**Hi-Tech® Solutions 12" Jumbo
Bathroom Tissue**
Item# EJ-JT122



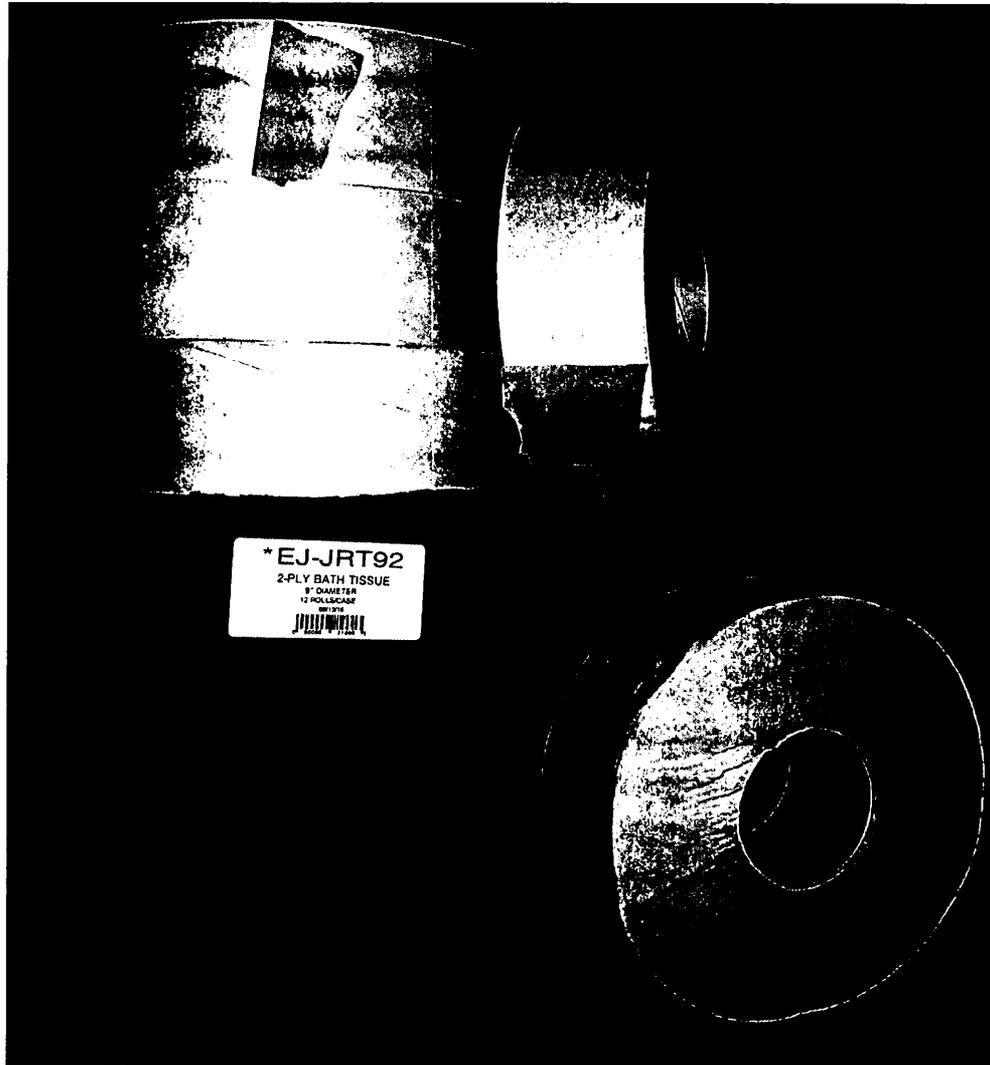
Color: White
Diameter: 12"
Ply: 2

Sold By: the Case of 6 Rolls of 2000'



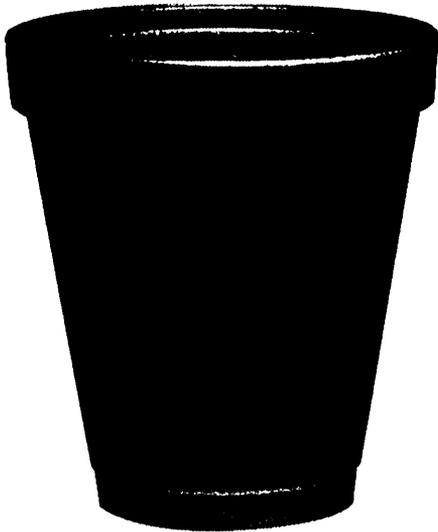
Economical
Janitorial & Paper Supplies, LLC

**Hi-Tech® Solutions Junior Jumbo
2-Ply Bath Tissue**
Item# EJ-JT92



Junior Jumbo Bath Tissue
Number of Ply: 2
Length: 1,000'
Diameter: 9"
Sold By: the Case of 12 Rolls





DA-6J6

Maintain beverages at their optimal temperature longer with Dart insulated foam cups. Not only do foam cups keep beverages at their proper serving temperature on the inside, they keep hands comfortable on the outside. Hot or cold, insulated foam delivers drinks the way they were meant to be.

Available in 4 to 12 ounce sizes, small drink cups are ideal for coffee, cappuccino, tea, hot chocolate, hot cider, juice, and soft drinks.

[Buyer's Guide \(PDF\)](#)

[Buyer's Guide \(Spanish\) \(PDF\)](#)

Product Specifications

Company:	Dart
Stock Number:	6J6
Description:	6 oz.
Diameter of Top (in):	2.9
Diameter of Base (in):	1.8
Height (in):	3.3

Package/Case Specifications

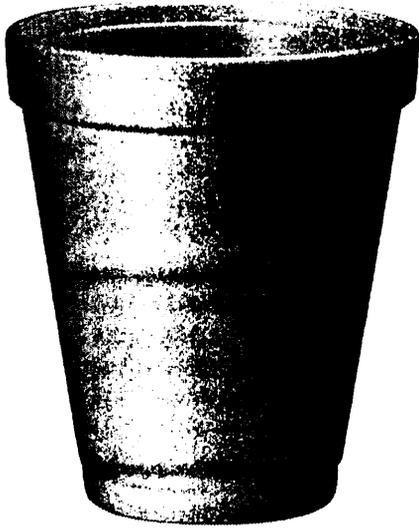
Stock Number:	6J6
UPC printed on film:	0 00 41594 20006 3
Packing Per Bag:	25
Packing Per Case:	1000
Stock Number:	6J6
UPC printed on carton:	1 00 41594 20006 0
GTIN:	1 00 41594 20006 0
Ti/Hi:	15/3
Case Cube(ft ³):	2.9
Case Weight (lbs.):	5.6



JANITORIAL & PAPER
SUPPLIES, LLC

Economical

1420-F Sams Ave.
Harahan, La 70123
(504)464-7166
(800) 735-6745



DA-8J8

Maintain beverages at their optimal temperature longer with Dart insulated foam cups. Not only do foam cups keep beverages at their proper serving temperature on the inside, they keep hands comfortable on the outside. Hot or cold, insulated foam delivers drinks the way they were meant to be.

Available in 4 to 12 ounce sizes, small drink cups are ideal for coffee, cappuccino, tea, hot chocolate, hot cider, juice, and soft drinks.

Product Specifications

Company:	Dart
Stock Number:	8J8
Description:	8 oz.
Diameter of Top (in):	3.2
Diameter of Base (in):	2.0
Height (in):	3.5

Package/Case Specifications

Stock Number:	8J8
UPC printed on film:	0 00 41594 20620 1
Packing Per Bag:	25
Packing Per Case:	1000
Sold By:	the Case of 1,000 (40 Sleeves of 25)



**JANITORIAL & PAPER
SUPPLIES, LLC**

Economical

1420-F Sams Ave.
Harahan, La 70123
(504)464-7166
(800) 735-6745



DA-12J12

Maintain beverages at their optimal temperature longer with Dart insulated foam cups. Not only do foam cups keep beverages at their proper serving temperature on the inside, they keep hands comfortable on the outside. Hot or cold, insulated foam delivers drinks the way they were meant to be.

Available in 4 to 12 ounce sizes, small drink cups are ideal for coffee, cappuccino, tea, hot chocolate, hot cider, juice, and soft drinks.

Product Specifications

Stock Number:	12J12
Description:	12 oz.
Diameter of Top (in):	3.5
Diameter of Base (in):	2.1
Height (in):	4.4

Package/Case Specifications

Stock Number:	
UPC printed on film:	None
Packing Per Bag:	25
Packing Per Case:	1000
Sold By:	the Case



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SUPPLIES, LLC

Economical

1420-F Sams Ave.
Harahan, La 70123
(504)464-7166
(800) 735-6745



Tough Super Hexene Performance

Steel-Flex liners pack the performance of super hexene resins into every bag. These liners work well whenever maximum puncture and tear resistance are required.

- Superior puncture and tear resistance that stands up to heavy, sharp, irregular waste
- Star bottom seal helps prevent leaks
- Waste reduction—less plastic used per liner means less plastic enters the landfill when compared to equivalent LDPE products
- Wide range of sizes and gauges
- Convenient coreless rolls



Steel-Flex Super Hexene/LLDPE Blend Coreless Roll Can Liners

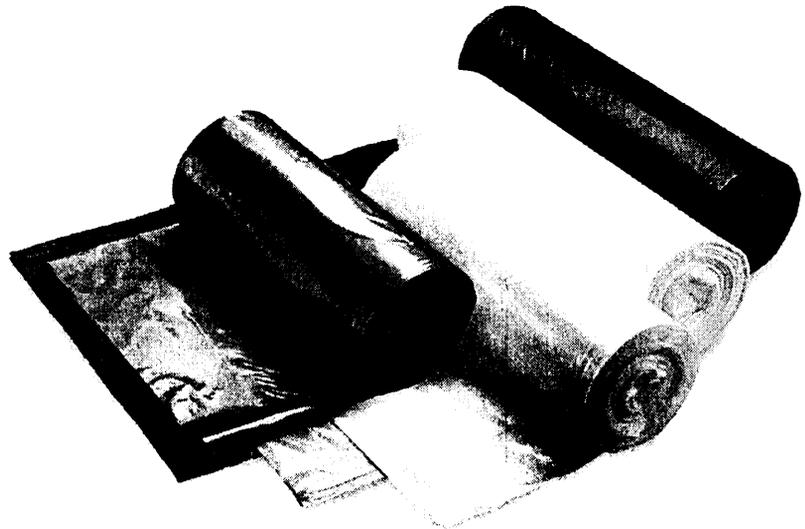
Item Code Black	JDE	Item Code Clear	JDE	Item Code Gray	JDE	Item Code White	JDE	Gallon Usage	Size WxL	Mil	Case Pack	Bags/Roll Rolls/Case	Net Case Weight (lbs)	Pallet Count	Cases/ Layer Layers/ Pallet	Case Cube
LSR1717LB	756156	LSR1717LC	756163					4	17x17	0.30	1000	50/20	5.76	80	8/10	0.67
LSR2021LB	754273							7	20x21	0.30	1000	50/20	8.37	80	8/10	0.67
LSR2423LB	850019	LSR2423LC	850020					7-10	24x23	0.30	1000	50/20	11.0	80	8/10	0.67
LSR2423XB	850021	LSR2423XC	850022			LSR2423XW	850023	7-10	24x23	0.45	1000	50/20	16.5	80	10/8	0.65
LSR2432LB	850024	LSR2432LC	850025					12-16	24x32	0.30	1000	50/20	15.3	80	8/10	0.67
LSR2432XB	850026	LSR2432XC	850027			*LSR2432XW	850028	12-16	24x32	0.45	500	50/10	11.4	112	8/14	0.50
						*LSR2642XW	755130	23	26x42	0.74	200	25/8	10.7	80	8/10	0.67
LSR3036LB	755138	LSR3036LC	755146					20-30	30x36	0.37	250	25/10	6.64	112	8/14	0.50
LSR3036MB	754284	LSR3036MC	754285					20-30	30x36	0.45	250	25/10	8.07	80	8/10	0.67
LSR3036HB	754282	LSR3036HC	754283					20-30	30x36	0.60	250	25/10	10.7	112	8/14	0.50
LSR3036XB	754286	LSR3036XC	754287			*LSR3036XW	754288	20-30	30x36	0.74	200	25/8	10.6	112	8/14	0.50
LSR3036X2B	850029	LSR3036X2C	850030			LSR3036X2W	755154	20-30	30x36	1.05	200	25/8	15.0	80	10/8	0.65
LSR3036X3C	850031			LSR3036X3G	850032			20-30	30x36	1.30	100	25/4	9.33	112	8/14	0.50

*Right-Fit® size—Right-Fit® is a registered trademark of Berry Global, Inc. Product specifications subject to change without notice.

Steel-Flex Super Hexene/LLDPE Blend Coreless Roll Can Liners (continued)

Item Code Black	JDE	Item Code Clear	JDE	Item Code Gray	JDE	Item Code White	JDE	Gallon Usage	Size WxL	Mil	Case Pack	Bags/Roll Rolls/Case	Net Case Weight (lbs)	Pallet Count	Cases/ Layer Layers/ Pallet	Case Cube
LSR3339MB	850042	LSR3339MC	850043					33	33x39	0.45	250	25/10	9.62	112	8/14	0.50
LSR3339HB	850040	LSR3339HC	850041					33	33x39	0.60	250	25/10	12.8	80	8/10	0.67
LSR3339XB	850053	LSR3339XC	850054			LSR3339XW	850055	33	33x39	0.74	200	25/8	12.6	112	8/14	0.50
		LSR3339X1C	850044	LSR3339X1G	850045	LSR3339X1W	850046	33	33x39	0.95	200	25/8	16.2	80	10/8	0.65
		LSR3339X3C	850050	LSR3339X3G	850051	LSR3339X3W1	850052	33	33x39	1.30	100	25/4	11.1	112	8/14	0.50
		LSR3646XC	755220			LSR3646XW	755221	44	36x46	0.74	200	25/8	16.2	80	10/8	0.65
		LPR3646X3C	763746					44	36x46	1.30	150	25/6	21.4	64	8/8	0.86
LSR4046HB	755753	LSR4046HC	755754					40-45	40x46	0.60	125	25/5	9.17	112	8/14	0.50
LSR4046XB	755769	LSR4046XC	755775			LSR4046XW	623994	40-45	40x46	0.74	100	25/4	9.05	112	8/14	0.50
		LSR4046X2C	748338	LSR4046X2G1	850070	LSR4046X2W	850071	40-45	40x46	0.95	100	20/5	11.6	112	8/14	0.50
		LSR4046X1C	859414					40-45	40x46	1.10	100	20/5	13.4	112	8/14	0.50
		LSR4046X3C	850072	LSR4046X3G	850073	LSR4046X3W1	850074	40-45	40x46	1.30	100	20/5	15.9	112	8/14	0.50
LSR3658HB	755222	LSR3658HC	755225					55	36x58	0.65	200	25/8	18.0	80	10/8	0.65
LSR3658XB	755693					LSR3658XW	755695	55	36x58	0.74	100	25/4	10.2	112	8/14	0.50
				LSR3658X2G1	850064			55	36x58	1.05	100	20/5	14.5	112	8/14	0.50
LSR4347HB	755783							56	43x47	0.65	100	25/4	8.73	112	8/14	0.50
LSR4347XB	755789					LSR4347XW	755792	56	43x47	0.74	100	25/4	9.94	112	8/14	0.50
		LSR4347X2C	850075	LSR4347X2G	755787			56	43x47	0.95	100	20/5	12.7	112	8/14	0.50
		LSR4347X1C	859411	LSR4347X1G	859412			56	43x47	1.10	100	20/5	14.7	112	8/14	0.50
		LSR4347X3C	850077	LSR4347X3G	850078			56	43x47	1.30	100	20/5	17.4	80	8/10	0.67
						LSR4448X4W	755962	56	44x48	1.70	50	10/5	11.9	80	10/8	0.65
		LSR4552X2C	755795	LSR4552X2G	755796			50	45x52	0.95	100	20/5	14.7	80	10/8	0.65
		LPR4552X3C	759687	LPR4552X3G	759686			50	45x52	1.30	100	10/10	20.2	80	8/10	0.67
LSR3858HB	755696	LSR3858HC	755697					60	38x58	0.65	200	25/8	19.0	80	10/8	0.65
LSR3858XB	755748	LSR3858XC	755749			LSR3858XW	623415	60	38x58	0.74	100	25/4	10.8	112	8/14	0.50
		LSR3858X2C	748336	LSR3858X2G	755707	LSR3858X2W	755746	60	38x58	0.95	100	20/5	13.9	112	8/14	0.50
		LSR3858X1C	859416	LSR3858X1G	859417			60	38x58	1.10	100	20/5	16.1	112	8/14	0.50
		LSR3858X3C	850068	LSR3858X3G	850069	LSR3858X3W1	850084	60	38x58	1.30	100	20/5	19.0	80	8/10	0.67

*Right-Fit® size—Right-Fit® is a registered trademark of Berry Global, Inc.
Product specifications subject to change without notice.



Item Number	JDE Item #	Product Description	UPC Code	Resin Type	Special Features	Brand Name	Net Weight (lbs)	Pack (Bags/Case)	Print Text	Gallon Usage	Cases/Pallet	Cases/Layer
LBR3748X1B	741892	37X48, 1.14MIL, BLK, 20/RL5/CS	'070052582199	LDDPE	Contains 10% PCW	Big City	13.4	100		44	80	8
LBR3748X2B	741893	37X48, 1.3MIL, BLK, 20/RL5/CS	'070052582205	LDDPE	Contains 10% PCW	Big City	15.3	100		44	80	8
LBR3858HB	742208	38X58, 0.7MIL, BLK, 25/RL8/CS	'070052582212	LDDPE	Contains 10% PCW	Big City	20.5	200		60	64	8
LBR3858HC	742209	38X58, 0.7MIL, CLR, 25/RL8/CS	'070052582229	LDDPE	Contains 10% PCW	Big City	20.5	200		60	64	8
LBR3858XB	742242	38X58, 1.2MIL, BLK, 20/RL5/CS	'070052582250	LDDPE	Contains 10% PCW	Big City	17.5	100		60	80	8
LBR3858XC	742258	38X58, 1.2MIL, GRE, 20/RL5/CS	'070052582267	LDDPE	Degradable Additive	Big City	17.5	100		60	80	8
LBR3858XD	751932	38X58, 1.2MIL, GRE, 20/RL5/CS	'070052583110	LDDPE	Contains 10% PCW	Big City D	17.5	100		60	80	8
LBR3858X3B	831729	38X58, 1.5MIL, BLK, 10/RL10/CS	'070052581590	LDDPE	Contains 10% PCW	Big City	21.9	100		60	64	8
LBR3858X3C	742246	38X58, 1.5MIL, CLR, 10/RL10/CS	'070052582274	LDDPE	Contains 10% PCW	Big City	21.9	100		60	64	8
LBR3858X4B	742247	38X58, 1.7MIL, BLK, 10/RL10/CS	'070052582281	LDDPE	Contains 10% PCW	Big City	24.9	100		60	64	8
LBR3858X4C	831741	38X58, 1.7MIL, CLR, 10/RL10/CS	'070052587606	LDDPE	Contains 10% PCW	Big City	24.9	100		60	64	8
LBR3858X5B	831747	38X58, 2MIL, BLK, 10/RL10/CS	'070052587613	LDDPE	Contains 10% PCW	Big City	29.3	100		60	64	8
LBR3858X5C	742255	38X58, 2MIL, CLR, 10/RL10/CS	'070052582298	LDDPE	Contains 10% PCW	Big City	29.3	100		60	64	8
LBR3858XB	741915	38X58, 0.9MIL, BLK, 20/RL5/CS	'070052582236	LDDPE	Contains 10% PCW	Big City	13.1	100		60	112	8
LBR3858XC	741917	38X58, 0.9MIL, CLR, 20/RL5/CS	'070052582243	LDDPE	Contains 10% PCW	Big City	13.1	100		60	112	8
LBR3863X4B	1003283	38X63, 1.8MIL, BLK, 15/RL5/CS	'070052592051	LDDPE Blend	Contains 10% PCW	Big City	21.4	75		60	64	8
LBR3863X4C	1003284	38X63, 1.8MIL, CLR, 15/RL5/CS	'070052592068	LDDPE Blend	Contains 10% PCW	Big City	21.4	75		60	64	8
LBR3863X5B	1003285	38X63, 2.7MIL, BLK, 10/RL5/CS	'070052592075	LDDPE Blend	Contains 10% PCW	Big City	21.4	50		60	64	8
LBR3863X5C	1003286	38X63, 2.7MIL, CLR, 10/RL5/CS	'070052592082	LDDPE Blend	Contains 10% PCW	Big City	21.4	50		60	64	8
LBR4046HB	743739	38X65, 1.5MIL, CLR, 5/RL10/CS	'070052582204	LDDPE		Big City	12.3	50		60	80	8
LBR4046HC	742399	40X46, 0.7MIL, BLK, 25/RL10/CS	'070052582335	LDDPE		Big City	21.4	250		40-45	64	8
LBR4046MB	742326	40X46, 0.5MIL, BLK, 25/RL10/CS	'070052582311	LDDPE		Big City	15.2	250		40-45	80	8
LBR4046MC	742330	40X46, 0.5MIL, CLR, 25/RL10/CS	'070052582328	LDDPE		Big City	15.2	250		40-45	80	8
LBR4046X2B	742441	40X46, 1.2MIL, BLK, 20/RL5/CS	'070052582373	LDDPE	Contains 10% PCW	Big City	14.6	100		40-45	112	8
LBR4046X2B/2	742520	40X46, 1.4MIL, BLK, 10/RL10/CS	'070052582397	LDDPE	Contains 10% PCW	Big City	17.1	100		40-45	80	8
LBR4046X2C	742456	40X46, 1.2MIL, CLR, 20/RL5/CS	'070052582380	LDDPE	Contains 10% PCW	Big City	14.6	100		40-45	112	8
LBR4046X3B	742539	40X46, 1.5MIL, BLK, 10/RL10/CS	'070052582403	LDDPE	Contains 10% PCW	Big City	18.3	100		40-45	64	8
LBR4046X3C	742545	40X46, 1.5MIL, CLR, 10/RL10/CS	'070052582410	LDDPE	Contains 10% PCW	Big City	18.3	100		40-45	64	8
LBR4046X4B	831742	40X46, 1.7MIL, BLK, 10/RL10/CS	'070052582427	LDDPE	Contains 10% PCW	Big City	20.7	100		40-45	64	8
LBR4046X4C	831742	40X46, 1.7MIL, CLR, 10/RL10/CS	'070052582427	LDDPE	Contains 10% PCW	Big City	20.7	100		40-45	64	8
LBR4046X5C	831685	40X46, 2MIL, CLR, 5/RL15/CS	'070052582434	LDDPE	Contains 10% PCW	Big City	18.3	75		40-45	80	10
LBR4046XB	742433	40X46, 0.9MIL, BLK, 20/RL5/CS	'070052582359	LDDPE		Big City	18.3	75		40-45	80	10
LBR4046XC	742435	40X46, 0.9MIL, CLR, 20/RL5/CS	'070052582366	LDDPE		Big City	18.3	75		40-45	80	10
LBR4046XD	752617	40X46, 0.9MIL, GRE, 20/RL5/CS	'070052583127	LDDPE	Degradable Additive	Big City D	11.0	100		40-45	112	8
LBR4053X3B	742582	40X53, 1.5MIL, BLK, 10/RL10/CS	'070052582441	LDDPE	Contains 10% PCW	Big City	21.1	100		50	64	8
LBR4347X2B1	742584	42.5X47, 0.7MIL, CLR, 25/RL8/CS	'070052582458	LDDPE	Contains 10% PCW	Big City	18.5	200		56	64	8
LBR4347X2C	831688	42.5X47, 1.2MIL, BLK, 20/RL5/CS	'070052587651	LDDPE	Contains 10% PCW	Big City	15.9	100		56	112	8
LBR4347X2D	831689	42.5X47, 1.2MIL, CLR, 20/RL5/CS	'070052587668	LDDPE	Contains 10% PCW	Big City	15.9	100		56	112	8
LBR4347X3B	751934	43X47, 1.2MIL, GRE, 20/RL5/CS	'070052583134	LDDPE	Degradable Additive	Big City D	16.1	100		56	80	8
LBR4347X3C	831686	42.5X47, 1.5MIL, BLK, 10/RL10/CS	'070052587675	LDDPE	Contains 10% PCW	Big City	19.9	100		56	80	10
LBR4347X4B1	831743	42.5X47, 1.7MIL, BLK, 10/RL10/CS	'070052587682	LDDPE	Contains 10% PCW	Big City	19.9	100		56	80	10
LBR4347X4C	831744	42.5X47, 1.7MIL, CLR, 10/RL10/CS	'070052587705	LDDPE	Contains 10% PCW	Big City	22.5	100		56	64	8
LBR4347X5B	831745	42.5X47, 2MIL, BLK, 10/RL10/CS	'070052587712	LDDPE	Contains 10% PCW	Big City	26.5	100		56	64	8

BG List for Distribution 2-24-22

PULL® Toilet Cleaner



Heavy Duty 23% HCL Toilet Bowl Cleaner

This 23% hydrochloric acid toilet bowl cleaner was carefully formulated with added detergents, to ensure it will work quickly and remove even the most stubborn rust, scale and mineral deposits. Ideal for hard water areas. It cleans and descales in one easy step.

Features

23% hydrochloric acid to remove rust.
Cleans and descales.
Formulated for restorative cleaning.

Available In

12 - 32 oz. Bottles Item #07112-00

55 Gal. Drum Item #07155-00

Directions for Use

TO CLEAN TOILETS AND URINALS: Do not use this product in a manner inconsistent with its labeling.

1. Flush fixture.
2. Open pour spout 45°.
3. Squeeze to coat surfaces under the bowl rim.
4. Let stand for 10 min.
5. Scrub all surfaces with supplied bowl swab, especially under the rim.
6. Rinse by flushing.

Tech Specs

Acid content	23.0% minimum HCL
Color	Milky white emulsion
Detergency	Excellent
Flash Point	None
Fragrance	Acidic
pH	less than 1.0
Rust removal	Excellent
Shelf life	1 year
Viscosity	10 centipoise
Weight per gallon	9.6lbs

JANITORIAL & PAPER
SUPPLIES, LLC

Economical

1420-F Sams Ave.
Harahan, La 70123
(504)464-7166
(800) 735-6745

SAFETY DATA SHEET



Pull

Section 1. Identification

GHS product identifier : Pull
Product code : 071
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Removes Rust, Lime and Mineral Deposits Toilet Bowl Cleaner	
Uses advised against	Reason
For Industrial and Institutional Use Only	-

Supplier's details : Betco Corporation
400 Van Camp Road
Bowling Green, Ohio 43402
www.betco.com
888-462-3826

Emergency telephone number (with hours of operation) : Chemtrec (800) 424-9300 24 hour

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture : SKIN CORROSION - Category 1
SERIOUS EYE DAMAGE - Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger
Hazard statements : Causes severe skin burns and eye damage.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection: Recommended: splash goggles. Wear protective clothing: Recommended: safety apron. Wash hands thoroughly after handling.

Section 2. Hazards identification

- Response** : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

Ingredient name	%	CAS number
Hydrochloric Acid	≥10 - <25	7647-01-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4. First aid measures

Ingestion : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye damage.
Inhalation : No known significant effects or critical hazards.
Skin contact : Causes severe burns.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:
 pain
 watering
 redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:
 pain or irritation
 redness
 blistering may occur

Ingestion : Adverse symptoms may include the following:
 stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Section 5. Fire-fighting measures

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
halogenated compounds
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). The spilled material may be neutralized with sodium carbonate, sodium bicarbonate or sodium hydroxide. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Hydrogen chloride	ACGIH TLV (United States, 3/2018). C: 2 ppm OSHA PEL 1989 (United States, 3/1989). CEIL: 5 ppm CEIL: 7 mg/m ³ NIOSH REL (United States, 10/2016). CEIL: 5 ppm CEIL: 7 mg/m ³ OSHA PEL (United States, 5/2018). CEIL: 5 ppm CEIL: 7 mg/m ³

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

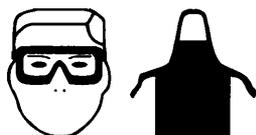
Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: splash goggles

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Section 8. Exposure controls/personal protection

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: safety apron
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Personal protective equipment (Pictograms)** :



Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Opaque. White.
- Odor** : Pungent. [Slight]
- Odor threshold** : Not available.
- pH** : <1
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 1.112
- Solubility** : Soluble in the following materials: cold water and hot water.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.
- Flow time (ISO 2431)** : Not available.

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

Conditions to avoid : No specific data.

Incompatible materials : Not available.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Hydrogen chloride	Eyes - Mild irritant	Rabbit	-	0.5 minutes 5 milligrams 24 hours 4 Percent	-
	Skin - Mild irritant	Human	-		-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Hydrogen chloride	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact : Causes serious eye damage.

Inhalation : No known significant effects or critical hazards.

Section 11. Toxicological information

- Skin contact** : Causes severe burns.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
 pain
 watering
 redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
 pain or irritation
 redness
 blistering may occur
- Ingestion** : Adverse symptoms may include the following:
 stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Long term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

- General** : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	2164.5 mg/kg
Dermal	4761.9 mg/kg

Pull

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Hydrogen chloride	Acute LC50 240000 µg/l Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
	Acute LC50 282 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Hydrogen chloride	0.25	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	UN1760	UN1760	UN1760	UN1760	UN1760	UN1760
UN proper shipping name	Corrosive liquid, n.o.s. (Hydrochloric Acid)	Corrosive liquid, n.o.s. (Hydrochloric Acid)	Corrosive liquid, n.o.s. (Hydrochloric Acid)			
Transport hazard class(es)	8 	8 	8 	8 	8 	8 
Packing group	II	II	II	II	II	II

Date of issue/Date of revision : 6/7/2021

Date of previous issue : 2/4/2021

Version : 1.01

9/13

Section 14. Transport information

Environmental hazards	No.	No.	No.	No.	No.	No.
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Additional information

DOT Classification : **Reportable quantity** 21645 lbs / 9826.8 kg [2334.5 gal / 8837.1 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
Limited quantity Yes.

TDG Classification : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8).
Explosive Limit and Limited Quantity Index 1

ADR/RID : **Tunnel code** (E)

IMDG : **Limited quantity** Yes.

-

IATA : **Limited quantity** Yes.

-

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 4(a) proposed test rules:** Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
Clean Water Act (CWA) 311: Hydrogen chloride

Clean Air Act (CAA) 112 regulated toxic substances: Hydrogen chloride

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Hydrogen chloride	≥10 - <25	Yes.	500	-	5000	-

SARA 304 RQ : 21645 lbs / 9826.8 kg [2334.5 gal / 8837.1 L]

Section 15. Regulatory information

SARA 311/312

Classification : SKIN CORROSION - Category 1
SERIOUS EYE DAMAGE - Category 1

Composition/information on ingredients

Name	%	Classification
Hydrogen chloride	≥10 - <25	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 SKIN CORROSION - Category 1A SERIOUS EYE DAMAGE - Category 1

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	Hydrogen chloride	7647-01-0	≥10 - <25
Supplier notification	Hydrogen chloride	7647-01-0	≥10 - <25

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: HYDROGEN CHLORIDE; HYDROCHLORIC ACID
New York : The following components are listed: Hydrochloric acid
New Jersey : The following components are listed: HYDROGEN CHLORIDE; HYDROCHLORIC ACID
Pennsylvania : The following components are listed: HYDROCHLORIC ACID

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined.
Canada : All components are listed or exempted.
China : Not determined.
Europe : At least one component is not listed.
Japan : **Japan inventory (ENCS)**: Not determined.
Japan inventory (ISHL): Not determined.
Malaysia : Not determined
New Zealand : Not determined.

Section 15. Regulatory information

Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	3
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

Classification	Justification
SKIN CORROSION - Category 1	On basis of test data
SERIOUS EYE DAMAGE - Category 1	On basis of test data

History

Date of printing	: 6/7/2021
Date of issue/Date of revision	: 6/7/2021
Date of previous issue	: 2/4/2021
Version	: 1.01

Section 16. Other information

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

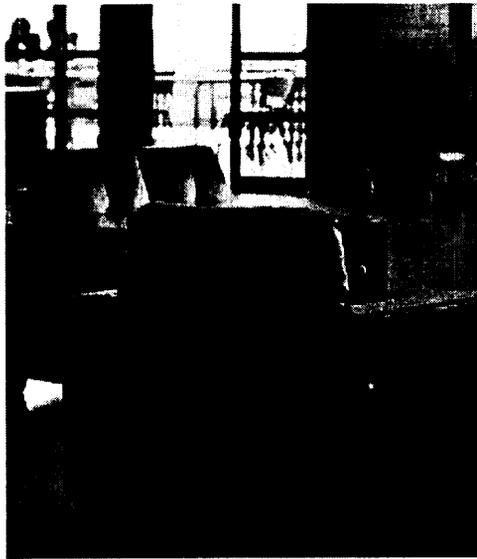
References : Not available.

▣ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



Polish & Shine

One Product to Shine Multiple Surfaces!

Improves the appearance of most hard surfaces by removing dust and fingerprints and providing a protective, glossy coating without leaving a waxy buildup. Leaves a beautiful shine and refreshing scent.

- Does More than Polish Wood Furniture!
- Works on Granite, Laminate, Marble, Quartz, Sealed Leather, Sealed Wood and Stainless Steel
- Removes Dust & Allergens from Most Hard Surfaces*
- NSF C1 Certification**



*By removing dust, the allergens in dust and pet dander from most hard surfaces
 **This product complies with the NSF International standards for Nonfood Compounds / Nonprocessing Area Products (Category Code C1).

USE OVERVIEW

FOR USE ON:

- Sealed Wood
- Sealed Leather
- Stainless Steel
- Granite
- Laminate
- Quartz
- Marble

DIRECTIONS FOR USE:

TO CLEAN AND POLISH: SHAKE WELL BEFORE USING. To clean and polish furniture and other surfaces, hold container upright and spray surface from about 8" (20 cm) away. Wipe immediately with soft, clean cloth. If the finish is very old, first try on an unnoticeable area to check results.

NOTE: Never use on floors and protect floors from overspray. The product's ingredients make a floor slippery. If oversprayed onto a floor, scrub the floor with detergent and dry thoroughly.

STORAGE AND DISPOSAL

STORAGE: PROTECT FROM SUNLIGHT. STORE IN A WELL-VENTILATED PLACE.

DISPOSAL: Do not incinerate. Dispose of in accordance with all federal, state and local applicable regulations.

PRECAUTIONARY STATEMENTS

WARNING: CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C (122°F) which may cause bursting.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

FOR COMMERCIAL AND INDUSTRIAL USE ONLY.



ORDERING INFORMATION

Description

Pledge® Polish & Shine Multi-Surface Cleaner Aerosol 14.2oz/6

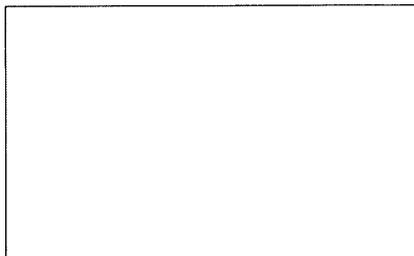
Case UPC

100-4650000258-5

SCJ Code

301168

AVAILABLE FROM:



Sold by SC Johnson Professional, a division of S. C. Johnson & Son, Inc. Racine, WI 53403-2236 U.S.A. ©2020

 Questions? Comments?
Call 800-558-5252

A family company since 1886. *SC Johnson*

For additional information on use, ingredients, precautions and disposal please visit:
www.scjohnson-professional.com

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE

Version 1.8

Print Date 10/29/2020

Revision Date 10/25/2017

SDS Number 350000032815
GEN_SOF Number 58820

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

- Product name** : SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE
- Recommended use** : Furniture Polish/Cleaner
- Restrictions on use** : Use only as directed on label
- Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
- Telephone** : +1-800-558-5252
- Emergency telephone number** : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Gases under pressure	Compressed gas	Contains gas under pressure; may explode if heated.

Labelling

Hazard symbols
Gas cylinder

Signal word
Warning

Hazard statements
Contains gas under pressure; may explode if heated.

Precautionary statements

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE

Version 1.8

Print Date 10/29/2020

Revision Date 10/25/2017

SDS Number 350000032815
GEN_SOF Number 58820

Protect from sunlight. Store in a well-ventilated place.

Other hazards : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Hydrocarbons, C7-C9, isoalkanes	64741-66-8	10.00 - 30.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements
Skin contact : No special requirements
Inhalation : No special requirements.
Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : May irritate eyes.
Skin effect : No adverse effects expected when used as directed.
Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE

Version 1.8

Print Date 10/29/2020

Revision Date 10/25/2017

SDS Number 350000032815
GEN_SOF Number 58820

Ingestion : No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting : Aerosol Product - Containers may rocket or explode in heat of fire.

Further information : Fight fire from maximum distance or protected area. Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Cool and use caution when approaching or handling fire-exposed containers. Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.
Wash thoroughly after handling.

Environmental precautions : Outside of normal use, avoid release to the environment.

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.
Clean residue from spill site.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE

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7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Protect from sunlight.
Store in a well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : white

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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Odour	: Citrus
Odour Threshold	: Test not applicable for this product type
pH	: 7 at (20 °C) (not an aqueous solution)
Melting point/freezing point	: Test not applicable for this product type
Initial boiling point and boiling range	: 100 °C
Flash point	: -1 °C 30.2 °F Method: Tag Closed Cup (TCC) liquid
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: Test not applicable for this product type
Relative density	: 0.95 g/cm ³ at 20 °C
Solubility(ies)	: immiscible

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Partition coefficient: n-octanol/water	:	Test not applicable for this product type	:
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.	:
Decomposition temperature	:		:
Viscosity, dynamic	:	Test not applicable for this product type	:
Viscosity, kinematic	:	Test not applicable for this product type	:
Oxidizing properties	:	Test not applicable for this product type	:
Volatile Organic Compounds Total VOC (wt. %)*	:	11.2 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
Other information	:	None identified	:

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.	:
Chemical stability	:	Stable under recommended storage conditions.	:
Possibility of hazardous reactions	:	Stable under recommended storage conditions.	:
Conditions to avoid	:	Direct sources of heat.	:
Incompatible materials	:	Strong oxidizing agents Do not mix with bleach or any other household cleaners. Strong bases	:

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 10 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single	No classification proposed	-

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exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Hydrocarbons, C7-C9, isoalkanes	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Hydrocarbons, C7-C9, isoalkanes	EC50	Daphnia magna (Water flea)	2.4 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Hydrocarbons, C7-C9, isoalkanes	EC50	Pseudokirchneriella subcapitata	29 mg/l	96 h

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**SC JOHNSON PROFESSIONAL® PLEDGE® POLISH & SHINE**

Version 1.8

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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Hydrocarbons, C7-C9, isoalkanes	22 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrocarbons, C7-C9, isoalkanes	No data available	No data available

Mobility

Component	End point	Value
Hydrocarbons, C7-C9, isoalkanes	log Koc	> 1.783 - < 2.36

PBT and vPvB assessment

Component	Results
Hydrocarbons, C7-C9, isoalkanes	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.**13. DISPOSAL CONSIDERATIONS**

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

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	Land transport	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	UN 1950 AEROSOLS, non-flammable, 2.2	UN 1950 AEROSOLS, non-flammable, 2.2	UN 1950 AEROSOLS, non-flammable, 2.2
Transport hazard class(es)	2.2	2	2.2
Packing group	-	-	-
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

15. REGULATORY INFORMATION

- Notification status** : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
- Notification status** : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).
- California Prop. 65** : This product is not subject to the reporting requirements under California's Proposition 65.
- State Right To Know**

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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No components are subject to the Massachusetts Right to Know Act.		
No components are subject to the Minnesota "Right To Know" Act		
No components are subject to the New Jersey "Right To Know" Act		
Pennsylvania RTKL	Water	7732-18-5
	Hydrocarbons, C7-C9, isoalkanes	64741-66-8
	Proprietary Lubricant Blend	

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	2
Reactivity	0

NFPA Ratings

Health	0
Fire	3
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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Windex

WITH AMMONIA-D®

Glass & More
MULTI-SURFACE | STREAK FREE



NSF **
 Nonfood Compounds (C1)
 KOSHER **

Cleans more than just glass and resists build-up^o for up to 30 days!

- ◆ Starts working on dirt and grime even before you wipe
- ◆ Makes cleaning glass and other hard surfaces fast and easy
- ◆ Cleans multiple surfaces: chrome, laminate, stainless steel, tile, safety shields (tested against Plexiglas[®] MC and G-Grade acrylic sheet) and other surfaces*
- ◆ Streak-free shine

Plexiglas[®] is a registered trademark of Arkema France.
 *Refer to manufacturer's cleaning recommendation prior to use.
 **This product complies with the NSF International standards for Nonfood Compounds / Nonprocessing Area Products (Category Code C1).
 *** Applicable to all SKUs except Foaming Glass Cleaner Aerosol 333813.
 **** Trigger Bottle (322338) Made of 100% Post-consumer Recycled Plastic. Gallon Bottle (696503), Minus Cap, Made of 48% Post-consumer Recycled Plastic.
^oFormula build-up



USE INSTRUCTIONS

Rotate Nozzle to ON position. Spray a fine mist. Polish dry. For best results, change towels frequently to prevent redepositing dirt. Do not contaminate water, food or feed by use, storage or disposal. Rinsing with potable water is required if used on equipment that will be returned to a food processing area.

NOTE: Do not use on wood or other varnished surfaces. Always spot test other surfaces before using. Unplug electrical appliances before using.

FOR COMMERCIAL AND INDUSTRIAL USE ONLY

PRECAUTIONARY STATEMENTS

This product does not meet the criteria for classification in any hazard class according to OSHA 29 CFR 1910.1200 or the Canadian Hazardous Products Act and Regulation.

CONTAINS NO PHOSPHORUS
KEEP OUT OF REACH OF CHILDREN
AND ANIMALS



ORDERING INFORMATION

Description	Case UPC	SCJ Code
*Windex® Glass & More Trigger 32oz/8	100-1980000309-5	322338
Windex® Glass & More Refill 128oz/4	100-1980070759-7	696503
Windex® Glass & More 5 Gallon Refill	100-1980070758-0	696502
Windex® Foaming Glass Cleaner Aerosol, 19.7oz/6	100-1980000387-3	333813

AVAILABLE FROM:



Sold by SC Johnson Professional, a division of S. C. Johnson & Son, Inc., Racine, WI 53403-2236 U.S.A. ©2023

Questions? Comments?
Call 800-558-5252

A family company since 1886. *Fixe Johnson*

For additional information on use, ingredients, precautions and disposal please visit: www.scjp.com

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

Revision Date 06/20/2019

SDS Number 350000014153

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : WINDEX® GLASS & MORE MULTI-SURFACE

Recommended use : Hard Surface Cleaner

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1-800-558-5252

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain hazardous chemicals at or above a reportable level as defined by OSHA 29 CFR 1910.1200

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

Revision Date 06/20/2019

SDS Number 350000014153

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting : Container may melt and leak in heat of fire.

Further information : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

Revision Date 06/20/2019

SDS Number 350000014153

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Requirements for storage areas and containers** : Keep container closed when not in use.
- Other data** : Stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits**
ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.
- Personal protective equipment**
- Respiratory protection** : No special requirements.
- Hand protection** : No special requirements.
- Eye protection** : No special requirements.
- Skin and body protection** : No special requirements.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

Revision Date 06/20/2019

SDS Number 350000014153

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue

Odour : floral

Odour Threshold : Test not applicable for this product type

pH : 10.7
at (25 C)

Melting point/freezing point : 0 C

Initial boiling point and boiling range : 100 C

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Calculated 31.7 hPa

Vapour density : Test not applicable for this product type

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

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Relative density	: 1.00 g/cm ³ at 25 C	
Solubility(ies)	: soluble	
Partition coefficient: n-octanol/water	: Test not applicable for this product type	
Auto-ignition temperature	: Test not applicable for this product type	
Decomposition temperature	: Heating can release hazardous gases.	
Viscosity, dynamic	: similar to water	
Viscosity, kinematic	: similar to water	
Oxidizing properties	: Test not applicable for this product type	
Volatile Organic Compounds Total VOC (wt. %)*	: 0.2 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
Other information	: None identified	:

10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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- Conditions to avoid** : Direct sources of heat.
- Incompatible materials** : Do not mix with bleach or any other household cleaners.
Strong bases
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity** : LD50 > 5000 mg/kg
Acute inhalation toxicity : LC50 > 10 mg/L
Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

No environmental data required.

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

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SDS Number 350000014153

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

State Right To Know

No components are subject to the Massachusetts Right to Know Act.		
No components are subject to the Minnesota "Right To Know" Act		
No components are subject to the New Jersey "Right To Know" Act		
Pennsylvania RTKL	Water	7732-18-5
	Ammonium Hydroxide	1336-21-6

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® GLASS & MORE MULTI-SURFACE

Version 1.4

Print Date 10/02/2020

Revision Date 06/20/2019

SDS Number 350000014153

16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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STAINLESS STEEL & METAL

CHAMPION SPRAYON



Stainless Steel Cleaner

- Oil-based stainless steel cleaner
- Deep cleans
- Restores luster
- Leaves protective shield
- Protects against water spots, stains and fingerprints

Ideal for: Stainless steel and most other metals such as aluminum, chrome, zinc and mild steel.

Product # 438-5197 Net Wt 1 lb (454 g) Case Pack 12

Stainless Steel Cleaner, Polish and Protectant

- Oil-in-water emulsion
- Deep cleans and polishes
- For stainless steel equipment, sinks, elevator doors
- Leaves no greasy film
- Leaves protective shield
- Protects against water spots, stains and fingerprints
- SprayAnyWay valve

Ideal for: Stainless steel equipment, sinks, elevator doors, etc.

Product # 438-5126 Net Wt 1 lb 2 oz (510 g) Case Pack 12

Water-Based Stainless Steel Polish & Cleaner

- Water-based stainless steel cleaner
- Deep cleans and polishes
- Restores original finish
- Leaves no oily residue
- Leaves protective shield
- Protects against water spots, stains and fingerprints

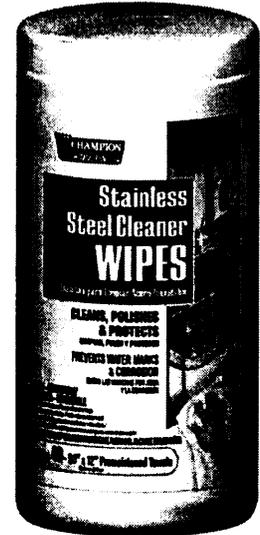
Ideal for: Stainless steel and most other metals such as aluminum, chrome, zinc and mild steel.

Product # 438-5153 Net Wt 1 lb 1.5 oz (496 g) Case Pack 12

Stainless Steel Cleaner Wipes

- Citrus-based formula removes hard-water stains, grease smudges, oily fingerprints and food spills from virtually any stainless steel surface or appliance
- As they clean, they brighten, polish and protect the surface, leaving a clear coating that acts as a protective shield
- Dual-purpose towels have one abrasive, but non-scratching, side to scrub surfaces, and a smooth side to wipe the surface clean

Product # 438-5505 Contains 40 premoistened 9.5" x 12" towels Case Pack 6



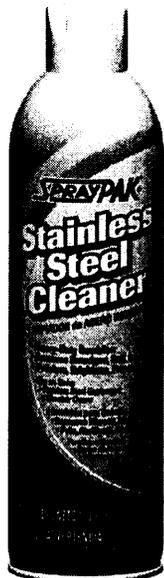
SPRAYPAK®

Stainless Steel Cleaner

- Oil-in-water emulsion stainless steel cleaner
- Deep cleans and polishes
- Restores original finish, increases luster
- Leaves no oily residue
- Leaves protective shield
- Protects against water spots, stains and fingerprints
- SprayAnyWay valve

Specifically For: School, government and municipality bids. Available only to stocking Chase distributors.

✶ *Product # 433-4111 Net Wt 1 lb 2 oz (510 g) Case Pack 12*



PROSALL®

Sterling™

- Oil-based stainless steel cleaner
- Deep cleans
- Restores luster
- Leaves protective shield
- Protects against water spots, stains and fingerprints
- SprayAnyWay valve

ProsALL Program: Available only at exclusive geographically selected distributors.

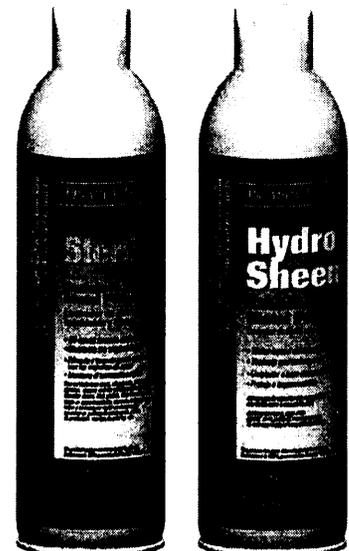
Product # 433-1109 Net Wt 1 lb (454 g) Case Pack 12

HydroSheen™

- Water-based stainless steel cleaner
- Deep cleans and polishes
- Restores original finish
- Leaves no oily residue
- Leaves protective shield
- Protects against water spots, stains and fingerprints

ProsALL Program: Available only at exclusive geographically selected distributors.

Product # 433-1116 Net Wt 1 lb 1.5 oz (496 g) Case Pack 12





Issue date 01-Oct-2020

Safety Data Sheet

Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name SPRAYPAK STAINLESS STEEL CLEANER
Chemical name 7-7700-2

Other means of identification

Product code FG 433-4111-7
Synonyms Metal cleaner.

Recommended use of the chemical and restrictions on use

Recommended Use Metal polish.
Uses advised against DO NOT USE ON FLOORS

Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address
Chase Products Co.	Chase Products Co.
2727 Gardner Road	2727 Gardner Road
Broadview, IL 60155	Broadview, IL 60155
708-865-1000	708-865-1000

Emergency Telephone Number

Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

Acute toxicity - Inhalation (Gases)	Category 4
FLAMMABLE AEROSOLS	Category 2
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

Warning

hazard statements
HARMFUL IF INHALED
Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance White liquid that will be aerosolized
Physical State Aerosol
Odor Perfumed.

FG 433-4111-7 SPRAYPAK STAINLESS STEEL CLEANER

Precautionary Statements - Prevention

Avoid breathing fumes, mist, vapors or spray.
Use only outdoors or in a well-ventilated area
Keep away from heat, sparks, open flames and hot surfaces. — No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place
Do not expose to temperatures exceeding 122 °F (50 °C)

Hazards not otherwise classified (HNOC)

Other Information

-

3. Composition/Information on Ingredients

Common Name	Stainless steel cleaner.
Synonyms	Metal cleaner.
Chemical Family	MIXTURES.
Formula	7-7700-2
Chemical nature	Oils and water emulsion.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	65-70	*
Hydrotreated Heavy Naphthenic Oil	64742-52-5	20-25	*
N-Butane	106-97-8	5-10	*
Propane	74-98-6	1-5	*

Chemical Additions Hazardous components according to OSHA, are listed when present at 1% or greater. Carcinoges are listed when present at 0.1% or greater.

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact	Wash skin with soap and water. If irritation develops, consult a physician .
Inhalation	If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.
Ingestion	Ingestion from an aerosol product is unlikely to occur. Contains petroleum distillates. Harmful if swallowed. If accidentally swallowed, do not induce vomiting, call physician immediately.

Most important symptoms and effects, both acute and delayed

FG 433-4111-7 SPRAYPAK STAINLESS STEEL CLEANER

Symptoms Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.

5. Fire-fighting measures

Suitable extinguishing media
Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

This product is an aerosol product for which Flame Projection is 2-3 inches, without flashback. Temperatures above 120 F may cause cans to burst.

Hazardous combustion products Thermal decomposition may release carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate general or local exhaust ventilation.

For emergency responders Remove all sources of ignition.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Keep out of reach of children. **AEROSOL STORAGE LEVEL I (NFPA-30B) .**

Incompatible Materials Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
N-Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³

Appropriate engineering controls

Engineering controls Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection Conventional eyeglasses to guard against splashing.

Skin and Body Protection Rubber, vinyl or household type gloves.

Respiratory protection None required if used in a well-ventilated area .

General hygiene considerations Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Perfumed.
Appearance	White liquid that will be aerosolized	Odor threshold	No information available
Color	White		
Property	Values	Remarks • Method	
pH	9.75 to 10.35	Water-oil emulsion.	
Melting point/freezing point	Not applicable	No information available	
Boiling point/boiling range	Water 212 °F/100 °C	No information available	
Flash Point	Not Available. This is an aerosol product for which Flame Projection is 2-3 inches, without flashback. Temperatures above 120 F may cause cans to burst.	No information available	
Evaporation Rate	Faster than butyl acetate	No information available	
Flammability (solid, gas)		No information available	
Flammability Limits in Air		No information available	
Upper flammability limits	Not available		
Lower Flammability Limit	Not available		
Vapor pressure		No information available	
Vapor Density		No information available	
Relative Density	0.940 to 0.980 concentrate	No information available	
Water solubility		Soluble in water	
Solubility in other solvents		No information available	
Partition coefficient		No information available	
Autoignition Temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	

FG 433-4111-7 SPRAYPAK STAINLESS STEEL CLEANER

Explosive properties No information available
Oxidizing properties No information available

Other Information

Softening point No information available
Molecular weight No information available
VOC content (%) 10.0%
Density 7.83 to 8.16 lb/gal
Bulk Density No information available

10. Stability and Reactivity

Reactivity

Not applicable Not applicable

Chemical stability

Stable.

Possibility of hazardous reactions

Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures above 122 °F (50 °C).

Incompatible Materials

Avoid heat, open flame and contact with strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product Information This product has not been tested as whole. See below for information on ingredients.

Inhalation No data available.

Eye Contact No data available.

Skin contact No data available.

Ingestion No data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Hydrotreated Heavy Naphthenic Oil 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min

Information on toxicological effects

Symptoms Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

FG 433-4111-7 SPRAYPAK STAINLESS STEEL CLEANER

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation None expected.
Serious eye damage/eye irritation Can cause irritation after contact with the eyes.
corrosivity Not applicable.
sensitization No a skin sensitizer.
Germ cell mutagenicity No information available.
Carcinogenicity Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrotreated Heavy Naphthenic Oil 64742-52-5	A2	Group 1	Known	X

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard Deliberate inhalation of concentrated vapor or mist may cause headache, dizziness and nausea.

Numerical measures of toxicity - Product Information

Unknown acute toxicity -
 The following values are calculated based on chapter 3.1 of the GHS document .
ATEmix (oral) 20623 mg/kg
ATEmix (dermal) 20623 mg/kg
ATEmix (inhalation-gas) 3236 mg/l
ATEmix (inhalation-dust/mist) 9 mg/l
ATEmix (inhalation-vapor) 23.1 mg/l

12. Ecological Information

ecotoxicity

6.1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Hydrotreated Heavy Naphthenic Oil 64742-52-5		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical name	Partition coefficient
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3

Other adverse effects

No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

14. Transport Information

DOT

UN/ID no	Limited Quantity
Proper Shipping Name	Consumer Commodity
Hazard Class	ORM-D

IATA

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1

IMDG

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1
Marine pollutant	This product does not contain marine pollutants.

15. Regulatory information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - *United States Toxic Substances Control Act Section 8(b) Inventory*
 DSL/NDSL - *Canadian Domestic Substances List/Non-Domestic Substances List*

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals (above the de-minimis level) which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

FG 433-4111-7 SPRAYPAK STAINLESS STEEL CLEANER

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. Other information

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 1	Physical and chemical properties Not applicable Personal Protection A - Eyes protection
<u>HMIS</u>	Health Hazards 1	Flammability 2	Physical hazards 1	

Prepared by Regulatory Department

Issue date 01-Oct-2020

Revision note

This SDS supersedes a previous SDS dated March 12, 2015.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

SOFT PINK HAND SOAP FORTIFIED

*Highest Quality
pH Balanced*



Rinses
squeaky clean



Won't Dry Out
Skin



High Sudsing



Almond Scented

DESCRIPTION:

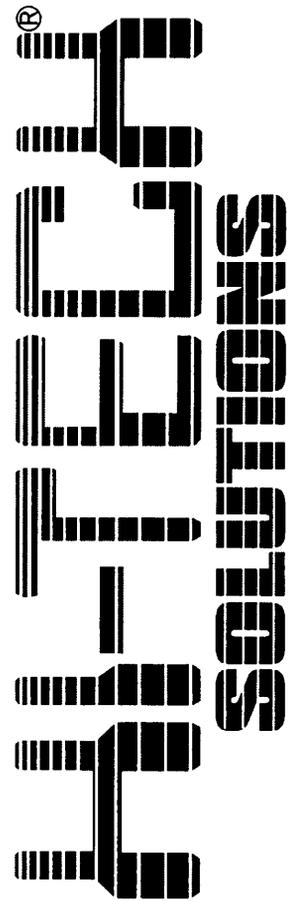
This thick, high foaming hand soap is formulated with the mildest detergents, emollients and skin conditioners. Leaves your hands clean, soft and fresh smelling.

DIRECTIONS:

Use a small quantity of hand soap add a little water then rub briskly, working soap into palms of hand and between fingers. Rinse thoroughly with clean water. Product may be diluted with water to desired viscosity.

Active Ingredients: PCMX

Also contains: Sodium Lauryl Ether Sulfate, Coconut Diethanolamide, Cocamidopropyl Betaine, Fragrance, Preservative, & Sodium Chloride.



100% Product Satisfaction -- Money Back Guarantee

SPECIFICATIONS:

Appearance.....CLEAR PINK
Fragrance.....Almond
pH.....7
Flash Point.....N/A
Solvents.....none
Prod. code#.....5843

AVAILABLE SIZES:

Quarts
One Gallon
Five Gallon Pail
Fifty-Five Gallon drum

PAPER & JANITORIAL
SUPPLIES, INC.

Economical

(504) 464-7166
(800) 735-6745

1420-F SAM'S AVE
HARAHAN LA. 70123

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Soft Pink Anti-Bac H/S
 CHEMICAL FAMILY: Cleaning Compound
 PRODUCT NUMBER: 5843

DISTRIBUTOR:

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7165
 (800) -- 535-5053 INFOTRAC

EMERGENCY
 PHONE NUMBER
 (800) -- 535-5053 INFOTRAC

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category: Z8
 GHS LABEL ELEMENTS:
 Signal Word: Warning
 Symbols: none

Hazard Statements:

Eyes: Causes Eye Irritation

PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

SECTION 3: COMPOSITION

Chemical Name	%	P.A.S.#
SODIUM LAURYL ETHER SULFATE	1-5	900-87-4
COCONODIPROPYL BETAINE	2-5	68424-94-2
SODIUM CHLORIDE	2-5	00343-52-4
Trichlorosan	1-5	3380-34-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
INGESTION	Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.
EYE CONTACT	Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
SKIN CONTACT	Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT	None
EXTINGUISHING MEDIA	As required by the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full-face breathing apparatus and full protective clothing.
UNUSUAL HAZARDS	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS:	Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.
SMALL SPILLS:	Spill can be mopped up then flush contaminated area with plenty of water.
OTHER PRECAUTIONS:	Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to the above.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
SODIUM LAURYL ETHER SULFATE	Not Available				
COCONODIPROPYL BETAINE	Not Available				
SODIUM CHLORIDE	Not Available				
Trichlorosan	Not Available				

SECTION 9: SUPPLIER NOTIFICATION:

THE PRODUCTS MARKED WITH A * ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY COMPONENTS NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%

RESPIRATORY PROTECTION

NO OTHER PROTECTIVE MEASURES
 VENTILATION NO Wash hands thoroughly after use.
 PROTECTIVE GLOVES NO
 EYE PROTECTION NO

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Pink liquid
ODOR	Almond
pH	7
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	212° F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	8.67

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Extreme Temperatures
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	strong acids and oxidizers
OSHA REGULATED	CoZ, Co

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENIC	No
MTP	No
HAZ. MONOGRAPHS	No
OSHA REGULATED	

Acute Toxicity Information

Chemical Name	Deal L50	Dermal L50	Inhalation L50
SODIUM LAURYL ETHER SULFATE	>2000mg/kg	>2000mg/kg	Not Available
COCONODIPROPYL BETAINE	>1065 mg/kg	>2000mg/kg	Not Available
SODIUM CHLORIDE	>3000mg/kg	>10 mg/kg	>42g/cm3 lhr
Trichlorosan	Not Available	Not Available	Not Available

SECTION 14: TRANSPORT INFORMATION:

NOT REGULATED
 NON HAZARDOUS

Date: June 1, 2018

Manufacturer:
 TRANS GULF INDUSTRIES INC., PO Box 23809
 6101 Humphreys St. Harahan, LA 70183 (504) - 733-7865
 www.gentryproducts.com

HEALTH

FLAMMABILITY

INSTABILITY/REACTIVITY

0
 0
 0
 0

4 EXTREME
 3 HIGH
 2 MODERATE
 1 SLIGHT
 0 INSIGNIFICANT

SQUEAKY CLEAN DISHWASH

*HAND
DISHWASHING LIQUID*



Rinses
squeaky clean



Cuts Grease



High Sudsing



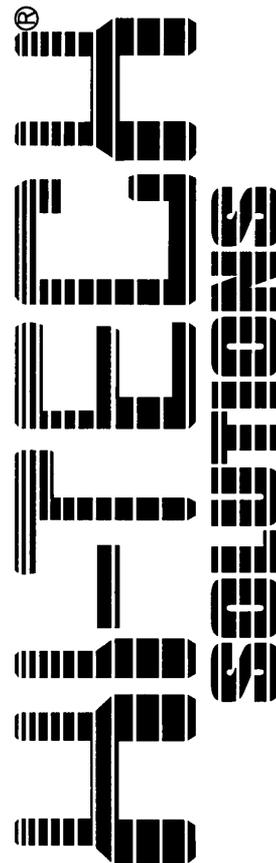
Lemon Scent

DIRECTIONS

A highly efficient blend of liquid detergents. Rinses completely and results in sparkling clean dishes and glasses. Very economical.

DIRECTIONS

Use 1 to 3 teaspoons of product to gallon of water. Produces a rich sudsy solution. Wash dishes and glasses thoroughly, rinse thoroughly in hot water and allow to dry. For extra greasy pots, pans or dishes add a little extra product to the wash solution. For burnt on or encrusted food allow pots, pans or dishes to soak before washing. Hand toweling is not necessary.



100% Product Satisfaction -- Money Back Guarantee

SPECIFICATIONS:

Appearance.....Yellow
Fragrance.....lemon
pH.....7.5
Flash Point.....NONE
Solvents.....NONE
Prod. Code#.....5898-

AVAILABLE SIZES:

Quarts
One Gallon
Five Gallon Pail
Fifty-Five Gallon drum

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Economical

(504) 464-7166
(800) 735-6745

1420-F SAM'S AVE
HARAHAN LA.70123

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT
 TRADE NAME: Squeaky Clean
 CHEMICAL FAMILY: Cleaning Compound
 PRODUCT NUMBER: 898

DISTRIBUTOR:
 ECONOMIC JANITORIAL & PAPER SUPPLIES, INC.
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166
 (800) -- 535-5053 INFOTRAC

EMERGENCY
 PHONE NUMBER
 (800) -- 535-5053 INFOTRAC

SECTION 2: HAZARDS IDENTIFICATION
 Hazard Category: 2B
 Signal Word: Warning
 Symbols:
 Hazard Statements:
 Eyes: Causes Eye Irritation

Hazard Statements:
 Eyes: Causes Eye Irritation

PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or sprays. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

SECTION 3: COMPOSITION

	%	CAS#
dodecylbenzenesulfonic acid	1-5	2176-87-0
sodium lauryl ether sulfate	2-5	900-87-4
sodium hydroxide	2-5	1310-73-2
sodium chloride	1-5	10043-52-4

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
INGESTION	Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.
EYE CONTACT	Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
SKIN CONTACT	Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT	None
EXTINGUISHING MEDIA	As required by the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full-face breathing apparatus and full protective clothing.
UNUSUAL HAZARDS	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS:	Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.
SMALL SPILLS:	Spill can be mopped up then flush contaminated area with plenty of water.
OTHER PRECAUTIONS:	Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
dodecylbenzenesulfonic acid	Not Available				
sodium lauryl ether sulfate	Not Available				
sodium hydroxide	Not Available				
sodium chloride	Not Available				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

RESPIRATORY PROTECTION NO OTHER PROTECTIVE MEASURES
VENTILATION NO Limit contact with skin. Wash hands thoroughly after use.
PROTECTIVE GLOVES NO
EYE PROTECTION NO

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Yellow Liquid
ODOR	Lemon
pH	7
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	>212° F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	8.564

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Extreme Temperatures strong acids and oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	CO ₂ , CO

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY	No
NTP	No
HAZ. MONOGRAPHS	No
OSHA REGULATED	No

HEALTH HAZARDS ACUTE/CHRONIC:

Eyes: May cause redness and irritation to eyes. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, defatting and dermatitis.

Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
dodecylbenzenesulfonic acid	Not Available	Not Available	Not Available
sodium lauryl ether sulfate	>2100 mg/kg	>2100 mg/kg	Not Available
sodium hydroxide	Not Available	Not Available	Not Available
sodium chloride	>3000 mg/kg	>10 mg/kg	>47 g/m ³ , 1hr

SECTION 14: TRANSPORT INFORMATION:

Not Regulated

Date: June 1, 2022

Manufacturer:
 TRANS GULF INDUSTRIES INC., PO Box 23803
 610 Humphreys St. Harahan, LA 70123
 (504) - 733-7665 or 1-800-725-7665
 www.genthyproducts.com

FLAMMABILITY

HEALTH

INSTABILITY/REACTIVITY
 0
 SPECIAL
 0
 4 EXTREME
 3 HIGH
 2 MODERATE
 1 SLIGHT
 UNSPECIFIC

This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to the above.

DISINFECTANTS - QUATERNARY

Spray Disinfectant - Original and Citrus Scent

- Quaternary spray disinfectant • Hospital-type formula • Prevents mold and mildew • Eliminates odors
- Sanitizes: Kills 99.9% of germs in 20 seconds (*Staphylococcus aureus*, *Salmonella enterica*, *Klebsiella pneumoniae*, *Escherichia coli* and *Campylobacter jejuni*)
- Disinfects: Kills 100% of germs in 10 minutes (*Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa*, *Streptococcus pyogenes*, *Vancomycin-resistant Enterococcus faecalis* (VRE), *Methicillin-resistant Staphylococcus aureus* (MRSA), and *Trichophyton mentagrophyte*)
- Kills HIV-1 (*AIDS virus*) on precleaned environmental surfaces/objects previously soiled with blood and body fluids
- Kills Cold and Flu viruses on hard, nonporous inanimate surfaces
- Can be used as a space deodorizer/air freshener
- Can be used on soft surfaces

Ideal for: Urinals, toilet seats, washbowls, shower stalls, telephones, empty hampers, diaper pails, athletic equipment, light switches, garbage cans and lockers.

Spray Disinfectant Original Scent - Product # 438-5157 EPA Reg No. 498-179

Spray Disinfectant Citrus Scent - Product # 438-5166 EPA Reg No. 498-179

Net Wt 1 lb 0.5 oz (467 g) Case Pack 12

Foaming Cleaner - Disinfectant and Deodorizer

- Quaternary foaming disinfectant cleaner • Hospital-type formula • Eliminates odors
- Disinfects: Kills 100% of germs in 10 minutes (*Staphylococcus aureus*, *Salmonella enterica* and *Pseudomonas aeruginosa*)
- Also kills *Salmonella schottmuelleri*, *Escherichia coli*, *Campylobacter jejuni*, *Influenza A (A2 Japan) ATCC VR-100*, *Influenza B (Hong Kong) ATCC VR-823*, *Herpes Simplex Types 1 and 2*, *Respiratory Syncytial virus*, and *Trichophyton mentagrophytes*
- Kills HIV-1 (*AIDS virus*) on precleaned environmental surfaces/objects previously soiled with blood and body fluids
- Kills Pandemic 2009 (*H1N1*) *Influenza A virus* on hard, nonporous inanimate surfaces
- Removes mold and mildew stains • SprayAnyWay valve

Ideal for: Bathtubs, sinks, toilet seats and exterior bowl surfaces, shower stalls, plastic and ceramic tile, chrome, stainless steel, baked enamel, plastic countertops, painted walls and woodwork, vinyl and leather, bedpans, wastebaskets, diaper pails, refrigerators, freezers, and garbage cans.

Product # 438-5196 EPA Reg No. 498-62

Net Wt 1 lb 1 oz (481 g) Case Pack 12



See product labels for complete directions for use.

SPRAYPAK®



Spray Disinfectant

- Quaternary spray disinfectant • Hospital-type formula • Prevents mold and mildew • Eliminates odors
- Can be used as a space deodorizer/air freshener • Can be used on soft surfaces
- Sanitizes: Kills 99.9% of germs in 20 seconds (*Staphylococcus aureus*, *Salmonella enterica*, *Klebsiella pneumoniae*, *Escherichia coli* and *Campylobacter jejuni*)
- Disinfects: Kills 100% of germs in 10 minutes (*Staphylococcus aureus*, *Salmonella enterica*, *Pseudomonas aeruginosa*, *Streptococcus pyogenes*, *Vancomycin-resistant Enterococcus faecalis* (VRE), *Methicillin-resistant Staphylococcus aureus* (MRSA), and *Trichophyton mentagrophyte*)
- Kills HIV-1 (*AIDS virus*) on precleaned environmental surfaces/objects previously soiled with blood and body fluids
- Kills Cold and Flu viruses on hard, nonporous inanimate surfaces

*Product # 433-4104 EPA Reg No. 498-179 Net Wt 1 lb 0.5 oz (467 g) Case Pack 12

Foaming Cleaner - Disinfectant and Deodorizer

- Quaternary foaming disinfectant cleaner • Hospital-type formula • Removes mold and mildew stains • Eliminates odors
- Disinfects: Kills 100% of germs in 10 minutes (*Staphylococcus aureus*, *Salmonella enterica* and *Pseudomonas aeruginosa*)
- Also kills *Salmonella schottmuelleri*, *Escherichia coli*, *Campylobacter jejuni*, *Influenza A (A2 Japan) ATCC VR-100*, *Influenza B (Hong Kong) ATCC VR-823*, *Herpes Simplex Types 1 and 2*, *Respiratory Syncytial virus*, and *Trichophyton mentagrophytes*
- Kills HIV-1 (*AIDS virus*) on precleaned environmental surfaces/objects previously soiled with blood and body fluids
- Kills Pandemic 2009 (*H1N1*) *Influenza A virus* on hard, nonporous inanimate surfaces • SprayAnyWay valve

Product # 433-4103 EPA Reg No. 498-62 Net Wt 1 lb 1 oz (481 g) Case Pack 12

See product labels for complete directions for use.





Issue date 20-Jan-2022

Safety Data Sheet

Version 3

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name SPRAYPAK SPRAY DISINFECTANT
Chemical name 7-9761-1

Other means of identification

Product code FG 433-4104-4
Synonyms Disinfectant Spray
Registration number(s) 498-179

Recommended use of the chemical and restrictions on use

Recommended Use For disinfection of hard, non-porous, inanimate surfaces.
Uses advised against Do not spray on varnished, painted or plastic surfaces.

Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address
Chase Products Co.	Chase Products Co.
2727 Gardner Road	2727 Gardner Road
Broadview, IL 60155	Broadview, IL 60155
708-865-1000	708-865-1000

Emergency Telephone Number

Company Phone Number 708-865-1000
24 Hour Emergency Phone Number 1-800-255-3924
Emergency telephone ChemTel 1-800-255-3924

2. Hazards Identification

Classification

Serious eye damage/eye irritation	Category 2A
FLAMMABLE AEROSOLS	Category 2
Gases Under Pressure	liquefied gas

Label Elements

EMERGENCY OVERVIEW

Warning

hazard statements
Causes serious eye irritation
Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance Hazy, yellow liquid **Physical State** Aerosol **Odor** Perfumed.

FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, protective clothing, eye protection and face protection.
Keep away from heat, sparks, open flames and hot surfaces. — No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place
Do not expose to temperatures exceeding 122 °F (50 °C)

Hazards not otherwise classified (HNOC)

Other Information

- Toxic to aquatic life with long lasting effects
- 0.69% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Synonyms	Disinfectant Spray.
Chemical Family	MIXTURES.
Formula	7-9761-1
Chemical nature	Aqueous solution of alcohol and other active ingredients.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	45-50	*
Ethyl alcohol	64-17-5	30-35	*
N-Butane	106-97-8	10-15	*
Propane	74-98-6	1-5	*

Chemical Additions See label for active ingredients information.

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin contact	Wash with soap and water. If irritation develops, consult a physician .
Inhalation	If overcome by vapor, move person to fresh air.
Ingestion	Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms	Acute, Deliberate inhalation of concentrated vapor or mist may cause headaches. Prolonged and repeated contact with the eyes may cause mild irritation.
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Indication of any immediate medical attention and special treatment needed

FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

Note to physicians None needed.

5. Fire-fighting measures

Suitable extinguishing media
Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Use water spray or fog; do not use straight streams.

Specific hazards arising from the chemical
Containers are under pressure. Temperatures above 130 °F may cause cans to burst.

Hazardous combustion products Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

Explosion data
Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.
Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters
Use personal protective equipment as required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions CONTENTS UNDER PRESSURE. Do not puncture or incinerate cans.

Other Information Keep out of reach of children.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Avoid getting spray into eyes. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Avoid storing at below-freezing temperatures. **AEROSOL STORAGE LEVEL I (NFPA-30B)** .

Incompatible Materials Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

Softening point	No information available
Molecular weight	No information available
VOC content (%)	51.32%
Density	No information available
Bulk Density	8.33 Lb/gal

10. Stability and Reactivity

Reactivity

Not applicable

Chemical stability

Stable.

Possibility of hazardous reactions

Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures above 122 °F (50 °C).

Incompatible Materials

Avoid heat, open flame and contact with strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product Information	Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation.
Inhalation	See data below.
Eye Contact	Not data available.
Skin contact	Not data available.
Ingestion	This is an aerosol product, ingestion is unlikely to occur. MAY BE HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Ethyl alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min

Information on toxicological effects

Symptoms See information above.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity Not known chronic effects based on available information.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 0.69% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (inhalation-gas) 10000000
ATEmix (inhalation-vapor) 16447.4 mg/l

12. Ecological Information

ecotoxicity

6.1% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethyl alcohol 64-17-5		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static

Persistence and degradability
 No information available.

Bioaccumulation
 See information below.

Chemical name	Partition coefficient
Ethyl alcohol 64-17-5	-0.32
N-Butane 106-97-8	2.89
Propane 74-98-6	2.3

Other adverse effects No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.
Contaminated packaging Pressurized container: Do not pierce or burn, even after use.

FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

Chemical name	California Hazardous Waste Status
Ethyl alcohol 64-17-5	Toxic Ignitable

14. Transport Information

DOT

UN/ID no	Limited Quantity
Proper Shipping Name	Consumer Commodity
Hazard Class	NA

IATA

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1

IMDG

UN/ID no	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1

15. Regulatory Information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL All ingredients are listed or are excluded from listing on the DSL.

Legend:

TSCA - *United States Toxic Substances Control Act Section 8(b) Inventory*
 DSL/NDL - *Canadian Domestic Substances List/Non-Domestic Substances List*

US Federal Regulations

SARA 313

This product does not contain toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

FG 433-4104-4 SPRAYPAK SPRAY DISINFECTANT

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X
Ethyl alcohol 64-17-5	X	X	X
N-Butane 106-97-8	X	X	X
Propane 74-98-6	X	X	X

U.S. EPA Label information

EPA Pesticide registration number 498-179

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: May cause eye irritation. Avoid contact with the eyes and skin. Avoid breathing of spray mist. Avoid contamination of foodstuff.

16. Other Information

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 1	Physical and chemical properties Not applicable
<u>HMIS</u>	Health Hazards 1	Flammability 2	Physical hazards 1	Personal Protection A - Eyes protection

Prepared by Regulatory Department
Issue date 20-Jan-2022

Revision note
This SDS supersedes a previous SDS dated July 22, 2019.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Comet® Cleaner with Bleach

Comet Cleaner with Bleach is a unique 2-in-1 all-purpose cleaner which combines the cleaning power of heavy-duty detergents with the stain removal power of bleach. Comet Cleaner with Bleach contains patented cleaning technologies which clean the full range of tough kitchen and restroom soils, but contains no abrasives.



Features

Surfactant Bleach formula has two short-chain surfactants that act like solvents to cut through grease and other soils. Its liquid chlorine bleach ingredient provides a wealth of well-known bleach benefits.

Task Areas

1. Customer and employee restrooms
 - Toilets
 - Urinals
 - Sink/vanities
 - Hard water stains
 - Mold and mildew build-up
2. Tracked-in dirt and scuffmarks
3. Kitchen Area
 - Baked-on grease stains
 - Counter stains (coffee, tomato, etc.)
 - Other soiled or stained areas
4. Inside and outside of plastic trash containers
5. Greasy equipment containers



32 oz



1 gal

Pack/Size	Description	UPC
8/32 oz	Comet Cleaner w/Bleach	000-37000-02287-9
3/3.78 lit	Comet Cleaner w/Bleach CL	100-37000-31641-8
3/1 gal	Comet Cleaner w/Bleach w/Spray Bottle	000-37000-02291-6

every experience counts.™

P&G
Professional

For more information call 1-800-332-7787 or visit www.pgpro.com

1. IDENTIFICATION

Product Name Comet® Cleaner with Bleach - Ready to Use

Product Code(s) 3-30

Product Identifier 15154199_PROF_NG

Product Type: Finished Product - Professional Use Only

Recommended Use Hard Surface Cleaner.

Restrictions on Use Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

Details of the supplier of the safety data sheet Procter & Gamble Professional
1 P&G Plaza
Cincinnati, Ohio 45202

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5

1-800-332-7787

E-mail Address pgsds.im@pg.com

Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Hazard Category

Eye Damage / Irritation
Corrosive to metals

Category 2B
Category 1

Signal Word

WARNING

Hazard Statements

Causes eye irritation
May be corrosive to metals

Hazard pictograms



Precautionary Statements

Wash hands thoroughly after handling

Keep only in original container
Do not mix with other cleaning products or chemicals as irritating fumes may be formed

Precautionary Statements - Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF SWALLOWED:
Drink 1 or 2 glasses of water
Absorb spillage to prevent material damage

Precautionary Statements - Storage Store in corrosive resistant container

Precautionary Statements - Disposal Dispose of contents/container in accordance with local regulation

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight-%
Sulfuric acid, monoethyl ester, sodium salt (1:1)	Sulfuric acid, monoethyl ester, sodium salt (1:1)	Yes	142-31-4	1 - 5
Sulfuric acid monododecyl ester sodium salt (1:1)	Sulfuric acid monododecyl ester sodium salt (1:1)	Yes	151-21-3	1 - 5
Sodium hypochlorite	Hypochlorous acid, sodium salt (1:1)	Yes	7681-52-9	1 - 5

Additional information Actual concentrations withheld as trade secret in accordance with Canadian HPR

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact Rinse with plenty of water. Get medical attention immediately if irritation persists.
Skin contact Rinse with plenty of water. Get medical attention if irritation develops and persists.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Inhalation Move to fresh air. If symptoms persist, call a physician.
Most important symptoms/effects, acute and delayed None under normal use conditions.

F. Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical, CO₂, alcohol-resistant foam or water spray.
Unsuitable Extinguishing Media None.
Special hazard None known.

Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment. Do not get in eyes, on skin, or on clothing.
Advice for emergency responders	Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in corrosive resistant container.
Incompatible products	Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	No exposure limits noted for ingredient(s).
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Exposure controls

Engineering Measures	Distribution, Workplace and Household Settings: Ensure adequate ventilation Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction
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Personal Protective Equipment

Eye Protection	Distribution, Workplace and Household Settings: No special protective equipment required
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	Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Use appropriate eye protection
Hand Protection	Distribution, Workplace and Household Settings: No special protective equipment required
	Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Protective gloves
Skin and Body Protection	Distribution, Workplace and Household Settings: No special protective equipment required
	Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Wear suitable protective clothing
Respiratory Protection	Distribution, Workplace and Household Settings: No special protective equipment required
	Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of inadequate ventilation wear respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	Liquid	
Appearance	Clear	
Odor	Scented	
Odor threshold	No information available	
<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	12.6 - 13.4	
Melting Point / Freezing Point	Not available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	No information available	
Flash point	> 93.3 °C / > 200 °F	Does not sustain combustion.
Evaporation rate	Not available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not available	Not applicable. This property is not relevant for liquid product forms
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	Not available. This property is not relevant for the safety and classification of this product
Vapor density	Not available	Not available. This property is not relevant for the safety and classification of this product
Relative density	1.045	
Water solubility	100%	
Partition coefficient: n-octanol/water	No information available	Not available. This property is not relevant for the safety and classification of this product
Autoignition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product .
Decomposition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product .
Viscosity	No information available < 10 cps	
Oxidizing properties	These substances will accelerate burning when involved in a fire.	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

10. STABILITY AND REACTIVITY

Reactivity None under normal use conditions.

Stability Stable under normal conditions.

Hazardous polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing.

Conditions to Avoid None under normal processing.

Incompatible materials Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

Hazardous Decomposition Products None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation No known effect.

Skin contact No known effect.

Ingestion No known effect.

Eye contact Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity No known effect.

Skin corrosion/irritation No known effect.

Serious eye damage/eye irritation Irritating to eyes.

Skin sensitization No known effect.

Respiratory sensitization No known effect.

Germ cell mutagenicity No known effect.

Neurological Effects No known effect.

Reproductive toxicity No known effect.

Developmental toxicity No known effect.

Teratogenicity No known effect.

STOT - single exposure No known effect.

STOT - repeated exposure No known effect.

Target Organ Effects No known effect.

Aspiration hazard No known effect.

Carcinogenicity No known effect.

Component Information

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	977 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
Sodium hypochlorite	7681-52-9	-	> 20000 mg/kg bw (OECD 402)	> 10.5 mg/L air (OECD 403)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from Residues/Unused Products Products covered by this SDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes (non-household setting) 331

14. TRANSPORT INFORMATION

DOT

UN no	UN1760
UN Proper shipping name	CORROSIVE LIQUID, N.O.S.
Description	UN1760, CORROSIVE LIQUIDS, N.O.S. (Sodium hypochlorite, Sodium hydroxide), 8, III
Hazard Class	8
Packing Group	III
Reportable Quantity (RQ)	(Sodium hypochlorite: RQ (kg)= 45.40)
Special Provisions	IB3, T7, TP1, TP28
Packaging Exceptions	154
Bulk packaging	241
Non-bulk Packaging	203
Emergency Response Guide Number	154
DOT Comment	The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size

IMDG

UN Number	UN1760
UN Proper shipping name	CORROSIVE LIQUID, N.O.S.
Description	UN1760, CORROSIVE LIQUID, N.O.S. (Sodium hypochlorite, Sodium hydroxide), 8, III
Transport hazard class(es)	8
Packing Group	III
Special precautions for user	274, 223
EmS-No	F-A, S-B
IMDG Comment	The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

IATA

UN no	UN1760
UN Proper shipping name	CORROSIVE LIQUID, N.O.S.
Description	UN1760, CORROSIVE LIQUID, N.O.S. (Sodium hypochlorite, Sodium hydroxide), 8, III
Hazard Class	8
Packing Group	III
Special precautions for user	A3, A803
Comments	. The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Sodium hypochlorite	7681-52-9	100 lb	-	
Sodium hydroxide	1310-73-2	1000 lb	-	

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	7681-52-9	100 lb	-	-	X
Sodium hydroxide	1310-73-2	1000 lb	-	-	X

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
Sodium hypochlorite	7681-52-9	X

Chemical Name	CAS-No	Massachusetts
Sodium hypochlorite	7681-52-9	X

Chemical Name	CAS-No	Pennsylvania
Sodium hypochlorite	7681-52-9	X
Sodium hydroxide	1310-73-2	X

Chemical Name	CAS-No	Rhode Island
Sodium hypochlorite	7681-52-9	X

International Inventories

United States

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

Canada

This product is in compliance with CEPA for import by P&G.

Legend

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

HMIS Ratings

Health hazard	2
Flammability	1
Physical hazard	0

NFPA Ratings

Health hazard	2
Flammability	1
Instability	0

Issuing Date: 09-Jan-2015

Revision Date: 14-May-2018

Disclaimer.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS

DISINFECTANTS[®]

32

ONE-STEP GERMICIDAL NEUTRAL CLEANER & DEODORANT

Compare to leading national brand's
performance such as Odoban.



Hospital Grade
Disinfectant



Marble Safe



Neutral pH



Athletic Clubs



Money Saving
Concentrate



Public
Restrooms

Ideal for use in: Hospitals, Nursing Homes, Whirlpools, Homes, Hotels & Motels, Waterbed Conditioner, Institutional, Industrial, School Dairy, Equine, Poultry/Turkey, Farm, Veterinary and Restaurant Food Handling and Process Areas, Federally Inspected Meat and Poultry Plants, Bar and Institutional Kitchen Use and for Harvesting & Handling Equipment.

When used as directed, is formulated to disinfect hard, non-porous inanimate environmental surfaces such as: floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, showers, conductive flooring, lavatory fixtures, and other hard, non-porous surfaces made of stainless steel and metal, glazed tiles and sealed stone.

Non-food contact glass, metal, stainless steel, glazed porcelain, glazed ceramic, sealed granite, sealed marble, plastic (such as polystyrene, polyvinylchloride, polycarbonate or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl.

Enameled surfaces, painted woodwork (finished), Formica, vinyl and plastic upholstery, porcelain, washable wallpaper.

- Economical. DILUTION: 1:32 4 OUNCES PER GALLON OF WATER
- Phosphate free. pH neutral formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on treated surfaces.
- Will not leave a grit or soap scum.

Bathroom and other household use:

- Effective at controlling mold and mildew on shower curtains.
- Non-scratch cleaning of showers and tubs, shower doors and curtains, fixtures and toilet bowls.
- Safe for most surfaces. For a cleaner, fresher household. Removes stains. Removes dirt. Non-staining. Clear formula.

Malodor use:

- Inhibits bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.
- Neutralizes musty odors and tough odors from smoke, pet accidents, and spills on contact.
- Effectively eliminate offensive odors caused by mold and mildew.

Medical institution use:

- This product meets AOAC Use Dilution Test Standards for hospital disinfectants at 400 ppm water hardness.
- One-step neutral disinfectant that is effective against a broad spectrum of bacteria (including but not limited to MRSA), is virucidal* (including HIV-1, HCV and HBV) and inhibits the growth of mold and mildew and their odors when used as directed.
- Clean, sanitize and disinfect non-porous ambulance equipment and surfaces by rinsing all equipment that comes in prolonged contact with skin before reuse with clean warm water (about 120°F), and allow to air dry. (Precaution: Cleaning at the 120°F temperature will avoid overheating and distortion of the ambulance equipment and surfaces that would necessitate replacement.)

Bar and restaurant (non-food contact) use:

- Meets AOAC efficacy standards for hard surface non-food contact sanitizers.
- Cleans non-food contact kitchen surfaces and food preparation areas.
- *Escherichia coli* (E. coli), *Salmonella choleraesuis* (Salmonella), and *Staphylococcus aureus* (Staph) are common germs found where food is prepared and stored. This product kills these germs and helps prevent the spread of food borne contamination on (treated) kitchen surfaces listed on this label. A potable water rinse is required after application on food contact surfaces. This product is not for use on dishes, glassware or eating utensils.
- Provides effective cleaning strength that will not dull high gloss floor finishes with repeated use.

Animal care use:

- Versatile Disinfectant & Sanitizer for Veterinarian, Veterinary Practice, Animal Care, Animal Laboratory, and Agricultural and Farm Premise applications.
- Cleans by removing dirt, grime, blood, urine, fecal matter and other common soils found in animal housing facilities, livestock, swine poultry facilities, grooming facilities, farms, kennels, pet stores, veterinary clinics, laboratories or other small animal facilities. It (also) eliminates odors leaving surfaces smelling clean and fresh.

Versatile Application methods:

- May be applied through low-pressure sprayers, and fogging (wet misting) systems.
- Economical concentrate that can be used with a mop and bucket, trigger sprayers, sponges, or by soaking.



100% Product Satisfaction -- Money Back Guarantee

EJ-1LT

Available Scents:

- Mint
- Neutral Fresh
- Orange
- Red Clover Tea
- Lavender
- Lemon
- Eucalyptus
- Pine

SPECIFICATIONS:

- Appearance.....Varies
- Fragrance.....Varies
- pH.....7
- Flash Point.....None
- Solvents.....None
- Product #Varies

PAPER & JANITORIAL
SUPPLIES, INC.

Economical

(504) 464-7166
(800) 735-6745

1420-F SAM'S AVE
HARAHAN LA. 70123

MATERIAL SAFETY DATA SHEET

EMERGENCY
PHONE NUMBER
(800) -- 535-5053 INFOTRAC

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.
1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166

Date: JANUARY 1, 2013

SECTION: I TRADE NAME : LEMON DISINFECTANT
IDENTIFICATION OF PRODUCT : CHEMICAL FAMILY : DISINFECTANT
PRODUCT NUMBER : HI-ILT

SECTION: II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	OSHA PEL	ACGH	TLV	CAS #
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	N/E		N/E	
DIDECYL DIMETHYL AMMONIUM CHLORIDE	N/E		N/E	

SECTION 313 - SUPPLIER NOTIFICATION:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372: ***CAS #*** CHEMICAL NAME % By Wt..

NONE

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT = >212 DEGREES F
SPECIFIC GRAVITY (H2O=1) = 1.000
SOLUBILITY IN WATER = COMPLETE
APPEARANCE = CLEAR YELLOW LIQUID
ODOR = LEMON
VAPOR PRESSURE (mmHg) = N/A
VAPOR DENSITY (Air=1) = N/A
EVAPORATION RATE (Butyl Act=1) = N/A
POUNDS PER GALLON = 8.35

SECTION IV - FIRE AND EXPLOSION HAZARD DATA :

FLASH POINT = NONE
EXTINGUISHING MEDIA = AS REQUIRED BY SURROUNDING FIRE
SPECIAL FIRE FIGHTING PROCEDURES = WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS
UNUSUAL HAZARDS = NONE KNOWN

SECTION V - REACTIVITY DATA:

STABILITY = STABLE
CONDITIONS TO AVOID = EXTREME TEMPERATURES
POLYMERIZATION = WILL NOT OCCUR
CONDITIONS TO AVOID = NONE
INCOMPATIBLE MATERIALS = STRONG ACIDS AND OXIDIZERS
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS = CO, CO.

SECTION VI - HEALTH HAZARDS DATA:

THRESHOLD LIMIT VALUE = NOT ESTABLISHED
CARCINOGENICITY =
NTP = NO
IARC MONOGRAPHS = NO
OSHA REGULATED = NO
HEALTH HAZARDS ACUTE/CHRONIC = EYES: MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. EMERGENCY FIRST AID PROCEDURES =
INHALATION = MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.
INGESTION = GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
EYE CONTACT = FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. LIFTING EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.
SKIN CONTACT = REMOVE CONTAMINATED CLOTHING RINSE SKIN THOROUGHLY WITH SOAP AND WATER.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
LARGE SPILLS: CONTAIN SPILL AND PUMP TO RECOVER
SMALL SPILLS: SPILL CAN BE MOPPED UP, THEN FLUSH CONTAMINATED AREA WITH PLENTY OF WATER.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
PRECAUTIONS TO TAKE IN HANDLING & STORAGE: STORE IN COOL, DRY PLACE KEEP CONTAINER CLOSED WHEN NOT IN USE.
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII - CONTROL MEASURES:

RESPIRATORY PROTECTION = NONE REQUIRED WITH ADEQUATE VENTILATION
VENTILATION = USE ADEQUATE CROSS VENTILATION
PROTECTIVE GLOVES = RECOMMENDED
EYE PROTECTION = RECOMMENDED
OTHER PROTECTIVE MEASURES = WASH HANDS THOROUGHLY AFTER USE.

MANUFACTURER:

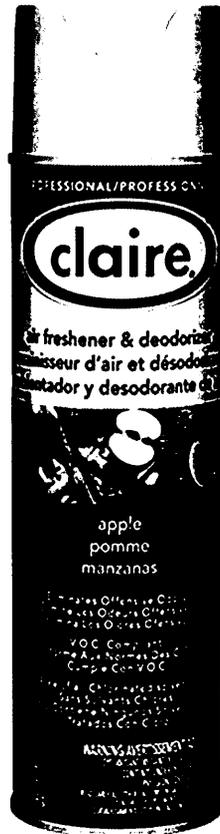
TRANS GULF INDUSTRIES, INC.
6101 HUMPHREYS STREET
PO BOX 23809
HARAHAN, LA 70183
EMERGENCY PHONE #
DAY M-F (504) - 733-7865
NIGHT (800) - 535-5053

This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to the above.

Economical
Janitorial & Paper Supplies, LLC

Hi-Tech® Solutions Apple Breeze Air Freshener & Deodorizer

Item # EJ-161



This V.O.C. compliant air freshener incorporates state-of-the-art technology in particle dispersion while eliminating excess volatile organic compounds in present day “dry” air fresheners. Provides immediate deodorization of malodors in the air. Atomized mist quickly travels throughout the area sprayed, releasing the fragrance to provide complete deodorization. Leaves no residue or stain. Eliminates stale tobacco odors.

Packed 12/20 oz.



SAFETY DATA SHEET

1. Identification

Product number 1000000116
Product identifier #EJ-161 HI-TECH APPLE BREEZE AIR FRESH.
Company information Economical Janitorial & Paper Supplies, Inc.
1420 Sams Ave.
Suite F
Harahan, LA 70123 United States
Company phone General Assistance 1-800-735-6745
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 01
Recommended use AIR FRESHENER
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1
Health hazards Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
OSHA defined hazards Not classified.

Label elements



Signal word Danger
Hazard statement Extremely flammable aerosol. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statement
Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection.
Response If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	60 - 80
Butane		106-97-8	10 - 20

Chemical name	Common name and synonyms	CAS number	%
Propane		74-98-6	10 - 20
Other components below reportable levels			1 - 2.5

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
Environmental precautions	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear suitable protective clothing.

Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state	Gas.
Form	Aerosol.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	132.89 °F (56.05 °C) estimated
Flash point	-156.0 °F (-104.4 °C) PROPELLANT estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	2.4 % estimated
Flammability limit - upper (%)	11.8 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	60 - 70 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.18 g/cm3 estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.784 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity Narcotic effects.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
Dermal		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
Inhalation		
LC50	Rat	55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l
Oral		
LD50	Rat	5800 mg/kg 2.2 ml/kg
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Propane (CAS 74-98-6)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.**Specific target organ toxicity - repeated exposure** Not classified.**Aspiration hazard** Not likely, due to the form of the product.**Chronic effects** Prolonged inhalation may be harmful.**12. Ecological information****Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna)
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)
		21.6 - 23.9 mg/l, 48 hours
		4740 - 6330 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

Acetone	-0.24
Butane	2.89
Propane	2.36

Mobility in soil No data available.**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**13. Disposal considerations****Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.**Local disposal regulations** Dispose in accordance with all applicable regulations.**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.**14. Transport information****DOT**

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1

Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

DOT



IATA; IMDG



15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8)
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Acetone (CAS 67-64-1) 6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Acetone (CAS 67-64-1) 35 %VV

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)

US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)

US. Rhode Island RTK

Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	11-09-2016
Version #	01
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision information	Product and Company Identification: Alternate Trade Names

AirWorks® Urinal Screens

- Stay fresh up to 30 days with continuous odor control
- VOC Compliant
- Design reduces splashing
- Flexible EVA material fits all urinals
- Each screen is packaged with gloves for safe sanitary removal and replacement
- Ideal for high traffic washrooms



Item #	Fragrance	Color	Selling Unit	Case Pack
AWUS001-BX	Eucalyptus	Lt. Blue	10/bx	6 bx/cs
AWUS002-BX	Herbal Mint	Lt. Green	10/bx	6 bx/cs
AWUS004-BX	Strawberry	Red	10/bx	6 bx/cs
AWUS005-BX	Evergreen	Dark Green	10/bx	6 bx/cs
AWUS006-BX	Cinnamon	Lt. Brown	10/bx	6 bx/cs
AWUS007-BX	Mango	Orange	10/bx	6 bx/cs
AWUS008-BX	Clean Cotton	Lt. Purple	10/bx	6 bx/cs
AWUS229-BX	Fruit Basket	Lt. Red	10/bx	6 bx/cs
AWUS230-BX	Orchard Spice	Lt. Burgundy	10/bx	6 bx/cs
AWUS231-BX	Citrus Grove	Lt. Orange	10/bx	6 bx/cs
AWUS232-BX	Fresh Garden	Green	10/bx	6 bx/cs
AWUS233-BX	Sunburst	Clear	10/bx	6 bx/cs
AWUS234-BX	Vineyard	Purple	10/bx	6 bx/cs
AWUS235-BX	Midnight Sky	Black	10/bx	6 bx/cs
AWUS236-BX	Lavender Meadow	Lt. Purple	10/bx	6 bx/cs
AWUS237-BX	Cucumber Melon	Lt. Green	10/bx	6 bx/cs

AirWorks® Hang Tags

- Stays fresh up to 30 days with continuous odor control
- VOC Compliant
- Includes suction cups to hang anywhere that odor control is needed
- Use on doors, waste cans, side of urinals/ toilet tanks, sinks and vehicles



Item #	Fragrance	Color	Selling Unit	Case Pack
AWHT007-BX	Mango	Orange	12/bx	6 bx/cs
AWHT229-BX	Fruit Basket	Lt. Red	12/bx	6 bx/cs
AWHT230-BX	Orchard Spice	Lt. Burgundy	12/bx	6 bx/cs
AWHT231-BX	Citrus Grove	Lt. Orange	12/bx	6 bx/cs
AWHT232-BX	Fresh Garden	Green	12/bx	6 bx/cs
AWHT233-BX	Sunburst	Clear	12/bx	6 bx/cs
AWHT234-BX	Vineyard	Purple	12/bx	6 bx/cs

AirWorks® Bowl Clips

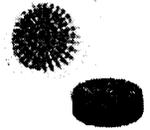
- Stays fresh up to 30 days with continuous odor control
- VOC Compliant
- Bowl Clips hang on the outside of the toilet to eliminate odors
- Does not dissolve in water; fits most standard toilets



Item #	Fragrance	Color	Selling Unit	Case Pack
AWBC007-BX	Mango	Orange	12/bx	6 bx/cs
AWBC229-BX	Fruit Basket	Lt. Red	12/bx	6 bx/cs
AWBC230-BX	Orchard Spice	Lt. Burgundy	12/bx	6 bx/cs
AWBC231-BX	Citrus Grove	Lt. Orange	12/bx	6 bx/cs
AWBC232-BX	Fresh Garden	Green	12/bx	6 bx/cs
AWBC233-BX	Sunburst	Clear	12/bx	6 bx/cs
AWBC234-BX	Vineyard	Purple	12/bx	6 bx/cs
AWBC235-BX	Midnight Sky	Black	12/bx	6 bx/cs
AWBC236-BX	Lavender Meadow	Lt. Purple	12/bx	6 bx/cs
AWBC237-BX	Cucumber Melon	Lt. Green	12/bx	6 bx/cs

Smart Block™ Non-Para w/ Para Performance

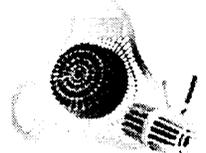
- Cleans and deodorizes for up to 60 days
- Ideal for both dry or standing water urinals
- Available for use in any state
- Block is non-toxic and biodegradable
- Non-para product that performs like para
- SmartBlock™ offered with or without the screen



Item #	Description/Fragrance	Color	Selling Unit
96687	Toss-In Block / Cherry	Red	12/cs
87787	Urinal Screen with Block / Cherry	Red	12/cs
87788	Urinal Screen with Block / Apple	Green	12/cs
87789	Urinal Screen with Block / Citrus	White	12/cs

Health Gards® Non-Para Products

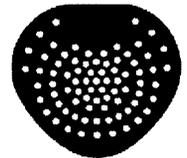
- Deodorize and clean continuously up to 30 days
- For use in dry urinals
- Performs without staining or discoloring water
- Non-toxic and biodegradable



Item #	Description/Fragrance	Color	Selling Unit
01901	Urinal Screen with Block / Cherry	Pink	12/cs
01902	Urinal Screen with Block / Apple	Green	12/cs
01904	Urinal Screen with Block / Mint	Lt. Blue	12/cs
01905	Urinal Screen with Block / Citrus	Blue	12/cs
04901	Toss-In Block / Cherry	Pink	12/cs
02901	Rim Cage / Cherry	Pink	12/cs

Health Gards® Vinyl Urinal Screen

- Helps to eliminate odors while preventing clogging
- Flexible to fit all urinals
- Choose from multiple fragrances
- Each screen comes w/glove for sanitary installation



Item #	Description/Fragrance	Color	Selling Unit
03901	Cherry	Red	12/cs
03902	Apple	Green	12/cs
03904	Mint	Blue	12/cs
03905	Citrus	White	12/cs
03907	Bubblegum	Dark Blue	12/cs

Health Gards® Para Urinal Products

- Products are activated by air, and deodorize for up to 30 or 60 days
- For use in urinals with standing water
- Non-staining
- Available where applicable by law



Item #	Description/Fragrance	Color	Selling Unit
01991	Urinal Screen w/ Block / Cherry	Pink	12/cs
01991W	Urinal Screen w/ Block / Cherry	White	12/cs
06411	Block In Shipper / Cherry	Pink	12/bx - 12 bx/cs
06411W	Block In Shipper / Cherry	White	12/bx - 12 bx/cs
06311	Block / Cherry	Pink	12/bx - 12 bx/cs
06311W	Block / Cherry	White	12/bx - 12 bx/cs
01931	Urinal Screen w/ Block / Cherry	Pink	12/cs
06931W	Block In Sleeve / Cherry	White	12/pk - 12 pk/cs
06901	Block In Sleeve / Cherry	Pink	12/pk - 12 pk/cs
08411	Bowl Block In Shipper / Cherry	Pink	12/bx - 12 bx/cs
08411W	Bowl Block In Shipper / Cherry	White	12/bx - 12 bx/cs

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acc. to OSHA HCS

Printing date 11/14/2018

Reviewed on 11/14/2018

1 Identification

- **Product identifier** 08411
- **Trade name:** 08411 Rim Hanger PDCB HOSPECO Pink Cherry
- **Manufacturer article number:** EPAAL37
- **CAS Number:**
106-46-7
- **EC number:**
203-400-5
- **Index number:**
602-035-00-2
- **Application of the substance / the mixture** Air Freshener.
- **Details of the supplier of the safety data sheet (755)(21)**
- **Manufacturer/Supplier:**
HOSPECO
Cleveland OH 44143
P: 800.321.9832
F: 800.362.0073
www.hospeco.com
- **Information department:** Support technique HOSPECO
- **Emergency telephone number:** P: 800.321.9832

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07



GHS08

- **Signal word** Warning
- **Hazard-determining components of labeling:**
1,4-dichlorobenzene
- **Hazard statements**
None
Harmful if swallowed.
Causes serious eye irritation.
Suspected of causing cancer.

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· **Precautionary statements**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If swallowed: Call a poison center/doctor if you feel unwell.
- Rinse mouth.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF exposed or concerned: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Store locked up.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	2	Fire = 2
REACTIVITY	0	Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Substances**

- **CAS No. Description**
106-46-7 1,4-dichlorobenzene
- **Identification number(s)**
- **EC number:** 203-400-5
- **Index number:** 602-035-00-2

4 First-aid measures

· **Description of first aid measures**

· **General information:**

- Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:**
If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor/physician. Obtain emergency medical attention.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

* **6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures**
General measures:
Avoid contact with skin and eyes. Eliminate all ignition sources if safe to do so. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe dust, fume. Spilled material may present a slipping hazard.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· PAC-1:	30 ppm
· PAC-2:	170 ppm
· PAC-3:	1,000 ppm

* **7 Handling and storage**

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

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· *Specific end use(s) No further relevant information available.*

8 Exposure controls/personal protection

· *Additional information about design of technical systems: No further data; see item 7.*

· *Control parameters*

· *Components with limit values that require monitoring at the workplace:*

106-46-7 1,4-dichlorobenzene

PEL Long-term value: 450 mg/m³, 75 ppm

REL See Pocket Guide App. A

TLV Long-term value: 60 mg/m³, 10 ppm

· *Additional information: The lists that were valid during the creation were used as basis.*

· *Exposure controls*

· *Personal protective equipment:*

· *General protective and hygienic measures:*

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· *Breathing equipment: Not required.*

· *Protection of hands:*

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· *Material of gloves*

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· *Penetration time of glove material*

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· *Eye protection:*



Tightly sealed goggles

9 Physical and chemical properties

· *Information on basic physical and chemical properties*

· *General Information*

· *Appearance:*

Form: Solid

Color: According to product specification

· *Odor: Characteristic*

· *Odor threshold: Not determined.*

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· pH-value:	Not applicable.
· Change in condition	
Melting point/Melting range:	54 °C (129.2 °F)
Boiling point/Boiling range:	175 °C (347 °F)
· Flash point:	66 °C (150.8 °F)
· Flammability (solid, gaseous):	Product is not flammable.
· Ignition temperature:	640 °C (1,184 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Not determined.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	2.2 Vol %
Upper:	12 Vol %
· Vapor pressure at 20 °C (68 °F):	1.7 hPa (1.3 mm Hg)
· Density at 20 °C (68 °F):	1.45904 g/cm ³ (12.17569 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
Water at 20 °C (68 °F):	0.1 g/l
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Organic solvents:	0.0 %
VOC content:	99.82 %
	0.0 g/l / 0.00 lb/gl
Solids content:	99.8 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

· LD/LC50 values that are relevant for classification:

106-46-7 1,4-dichlorobenzene

Oral	LD50	500 mg/kg (rat)
------	------	-----------------

- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: Irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

2B

· NTP (National Toxicology Program)

R

· OSHA-Ca (Occupational Safety & Health Administration)

Substance is not listed.

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems:
- Bioaccumulative potential: No further relevant information available.
- Mobility in soil: No further relevant information available.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

13 Disposal considerations

- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number

· DOT, IMDG, IATA

UN3077

· UN proper shipping name

· DOT

Environmentally hazardous substances, solid, n.o.s. (1,4-dichlorobenzene)

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· IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,4-dichlorobenzene), MARINE POLLUTANT
· IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,4-dichlorobenzene)
· Transport hazard class(es)	
· DOT, IMDG, IATA	
· Class	9 Miscellaneous dangerous substances and articles
· Label	9
· Packing group	
· DOT, IMDG, IATA	III
· Environmental hazards:	Product contains environmentally hazardous substances: 1,4-dichlorobenzene
· Marine pollutant:	Yes
· Special marking (IATA):	Symbol (fish and tree)
· Special precautions for user	Warning: Miscellaneous dangerous substances and articles
· Danger code (Kemler):	90
· EMS Number:	F-A,S-F
· Stowage Category	A
· Stowage Code	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: No limit On cargo aircraft only: No limit
· Remarks:	Special marking with the symbol (fish and tree).
· IMDG	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· UN "Model Regulation":	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (1,4-DICHLOROBENZENE), 9, III

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

· Section 355 (extremely hazardous substances):

Substance is not listed.

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Trade name: 08411 Rim Hanger PDCB HOSPECO Pink Cherry

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· **Section 313 (Specific toxic chemical listings):**

106-46-7 | 1,4-dichlorobenzene

· **TSCA (Toxic Substances Control Act):**

106-46-7 | 1,4-dichlorobenzene

138-86-3 | dipentene

5392-40-5 | Citral

78-70-6 | Linalool

· **TSCA new (21st Century Act) (Substances not listed)**

Fragrance Trade Secret (755)

· **Proposition 65**

· **Chemicals known to cause cancer:**

106-46-7 | 1,4-dichlorobenzene

· **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

Substance is not listed.

· **TLV (Threshold Limit Value established by ACGIH)**

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

106-46-7 | 1,4-dichlorobenzene

· **GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**

1,4-dichlorobenzene

· **Hazard statements**

Harmful if swallowed.

Causes serious eye irritation.

Suspected of causing cancer.

· **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Call a poison center/doctor if you feel unwell.

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Reviewed on 11/14/2018

Trade name: 08411 Rim Hanger PDCB HOSPECO Pink Cherry

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Rinse mouth.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Product Safety Department

· **Contact:** P: 800.321.9832

· **Date of preparation / last revision** 11/14/2018 / 40

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Carc. 2: Carcinogenicity – Category 2

· *** Data compared to the previous version altered.**

Economical
Janitorial & Paper Supplies, LLC

Big D[®] Industries 3 Oz. Para Toss Block
Item# BD-903



Para Restroom Products are made of 100% pure paradichlorobenzene and Big D[®] deodorants. Para is the classic, highly effective and economical deodorizer with the sweet cherry scent. All blocks are air-soluble, so their performance is not affected by water.

All blocks are individually wrapped for freshness.

Para Urinal Toss Blocks eliminate all odors on contact.

Size: 3 oz.

Color: Pink

Fragrance: Cherry

Sold By: the Dozen or the Case (12 Dozen)





Safety Data Sheet

Big D Para Products

SECTION 1. IDENTIFICATION

Product Identifier Big D Para Products
Other Means of Identification 900, 903, 930, 950, 960, 970, 980, 317500 & 990
Other Identification Para Product
Product Family Dry Deodorants
Recommended Use Dry Deodorants.
Restrictions on Use None known.
Manufacturer Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Emergency Phone No. InfoTrac, 800 535 5053, 24hr
SDS No. 0277
Date of Preparation May 15, 2023

SECTION 2. HAZARD IDENTIFICATION

Classification

Eye irritation - Category 2A; Carcinogenicity - Category 2; Aquatic hazard (Acute) - Category 1; Aquatic hazard (Chronic) - Category 1

Label Elements



Signal Word:
Warning

H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Wear personal protective equipment/face protection.
P273 Avoid release to the environment.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

Product Identifier: Big D Para Products
SDS No.: 0277
Date of Preparation: May 15, 2023

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
1,4-Dichlorobenzene	106-46-7	99.9	
Fragrance	Trade Secret	.01	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

Ingestion

Get medical advice or attention if you feel unwell or are concerned.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Can ignite if strongly heated.

In a fire, the following hazardous materials may be generated: irritating chemicals; very toxic chemicals.

Special Protective Equipment and Precautions for Fire-fighters

Toxic gases or vapours.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area.

Environmental Precautions

Product Identifier: Big D Para Products

SDS No.: 0277

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It is good practice to prevent releases into the environment. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

When handling concentrated product: avoid repeated or prolonged skin contact. Do not get in eyes, on skin or on clothing. Avoid generating dusts.

Conditions for Safe Storage

Store in an area that is: cool, well-ventilated, out of direct sunlight and away from heat and ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
1,4-Dichlorobenzene	60 mg/m3		450 mg/m3			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

Respiratory Protection

Not usually required when working with small quantities.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless white crystalline crystals.
Odour	Aromatic (1,4-Dichlorobenzene)
Melting Point/Freezing Point	129 °F (54 °C) (melting)
Initial Boiling Point/Range	345 °F (174 °C)
Flash Point	151 °F (66 °C) (1,4-Dichlorobenzene)
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	5.9% (1,4-Dichlorobenzene) (upper); 1.7% (1,4-Dichlorobenzene) (lower)
Solubility	79 mg/L in water; Highly soluble in common organic solvents.
Auto-ignition Temperature	1184 °F (640 °C)
Other Information	
Physical State	Solid
Bulk Density	0.078 lb/ft3 (0.001 kg/L)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Product Identifier: Big D Para Products
SDS No.: 0277
Date of Preparation: May 15, 2023

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

High temperatures. Generation of dust.

Incompatible Materials

Acid anhydrides (e.g. acetic anhydride), strong acids (e.g. hydrochloric acid), inorganic acids (e.g. hydrofluoric acid), organic acids (e.g. acetic acid), strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Very toxic chemicals.

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Inhalation; skin contact; eye contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
1,4-Dichlorobenzene		500 mg/kg (male rat)	> 2000 mg/kg (rabbit)

Skin Corrosion/Irritation

Human experience shows very mild irritation.

Serious Eye Damage/Irritation

There is limited evidence of serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure**Inhalation**

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
1,4-Dichlorobenzene	Group 2B	A3		

May cause cancer. (1,4-Dichlorobenzene)

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. A3 = Animal carcinogen.

IARC = International Agency for Research on Cancer. Group 2B = Possibly carcinogenic to humans.

Reproductive Toxicity**Development of Offspring**

Product Identifier: Big D Para Products

SDS No.: 0277

Date of Preparation: May 15, 2023

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to fish.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
1,4-Dichlorobenzene	4.2 mg/L (Pimephales promelas (fathead minnow); 96-hour)	.70 mg/L (Daphnia magna (water flea))		28 mg/L (Desmodesmus subspicatus (algae); 48-hour)

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

If released into the environment, this product can move slowly through the soil.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3007	Environmentally Hazardous Substances, Solid n.o.s. (p-dichlorobenzene)	9.2	III
US DOT	3077	Environmentally Hazardous Substances, Solid n.o.s. (p-dichlorobenzene)	9	III
IMO (Marine)	3077	Environmentally Hazardous Substances, Solid n.o.s. (p-dichlorobenzene)	p	III
IATA (Air)	3077	Environmentally Hazardous Substances, Solid n.o.s. (p-dichlorobenzene)	p	III

Environmental Hazards Marine Pollutant (1,4-Dichlorobenzene)

Product Identifier: Big D Para Products

SDS No.: 0277

Date of Preparation: May 15, 2023

Special Precautions Please note: US DOT: In inner containers of 100 lbs capacity or less, this product is exempt from DOT regulations (non-regulated).

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

CEPA - National Pollutant Release Inventory (NPRI)

Part 1A, Part 5.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Custom Regulatory 1

This Product may not be sold for use in the following US states: California Michigan Maryland Delaware New York New Jersey Connecticut Rhode Island Massachusetts Maine Pennsylvania Indiana Utah Vermont Virginia Washington D.C. (1,4-Dichlorobenzene)

SECTION 16. OTHER INFORMATION

NFPA Rating

Health - 1 Flammability - 2 Instability - 0

Disclaimer

This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labeling of Chemical (GHS) TO the best of our knowledge the information herein is accurate. However, the supplier makes no warranty and assume no liability resulting from its use. In No event shall the supplier be liable for any claims, losses, or damages of any third party resulting from the use of or reliance upon this information.

Product Identifier: Big D Para Products

SDS No.: 0277

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Date of Preparation: May 15, 2023



PROFESSIONAL
PRODUCTS COMPANY

The Clorox[®] Complete Restroom Solution

SOLUTION	TOUGH JOB	SURFACE	ORDER INFO.	
	Tilex [®] Soap Scum Remover & Disinfectant	Germs and bacteria, soils, soap scum	Sinks, countertops, divider panels	Case UPC: 35604 9/32 fl. oz.
	Clorox [®] Urine Remover	Urine stains and persistent odors	Tile and grout, urinals and toilets	Case UPC: 31036 9/32 fl. oz. Case UPC: 31351 4/128 fl. oz. Case UPC: 31415 6/32 fl. oz.
	Clorox [®] Disinfecting Bathroom Cleaner	Germs, bacteria, stains and everyday messes	High-touch surfaces	Case UPC: 16930 9/30 fl. oz.
	Clorox [®] 4 in One Disinfectant & Sanitizer	Germs and bacteria, odors	High-touch surfaces, such as doorknobs. Air Sanitization.	Case UPC: 31043 12/14 fl. oz.
	Clorox [®] Toilet Bowl Cleaner	Germs and bacteria, soils, odors	Toilets	Case UPC: 00031 12/24 fl. oz.
	Tilex [®] Instant Mold & Mildew Remover	Mold and mildew	Tile and grout, walls, floors	Case UPC: 35600 9/32 fl. oz. Case UPC: 35605 4/128 fl. oz.
	Pine-Sol [®] Multi-Surface Cleaner	Grime, scuff marks, odors	Floors	Case UPC: 35418 3/144 fl. oz. Case UPC: 41773 6/60 fl. oz.
	Formula 409 [®] Glass & Surface Cleaner	Streaks, water marks, soils	Mirrors and glass	Case UPC: 03107 9/32 fl. oz. Case UPC: 35293 4/128 fl. oz.



For effective green cleaning, use the Green Works[®] portfolio of naturally derived restroom solutions

Green Works[®] Bathroom Cleaner, Case UPC: 00452

Green Works[®] Toilet Bowl Cleaner, Case UPC: 00451

Green Works[®] Glass & Surface Cleaner, Case UPC: 00459

1. Identification

Product identifier	CloroxPro Tilex Disinfects Instant Mildew Remover		
Other means of identification	EPA 5813-24-67619		
	Document Number: US001357		
Recommended use	Disinfects Instant Mildew Remover		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/Distributor information			
Manufacturer			
Company name	The Clorox Company		
Address	1221 Broadway Oakland, CA 94612 United States		
Telephone	1-510-271-7000		
E-mail	Not available.		
Emergency phone number	Medical Emergency:	1-800-446-1014	
	Transportation Emergency:	1-800-424-9300 (Chemtrec)	

2. Hazards Identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2A
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Warning		
Hazard statement	Causes serious eye irritation.		
Precautionary statement			
Prevention	Wash hands thoroughly after handling. Wear eye protection.		
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.		
Storage	Store away from incompatible materials.		
Disposal	Dispose of container in accordance with local, regional, national and international regulations.		
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure. This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.		

3. Composition/Information on Ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Sodium hypochlorite		7681-52-9	1-5*

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

4. First Aid Measures

Inhalation	IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Skin contact	IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
Eye contact	IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then, continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion	IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
General information	If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. KEEP OUT OF REACH OF CHILDREN AND PETS. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Clorox Information Line: 1-800-446-1014

5. Fire Fighting Measures

Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Prevent entry into waterways, sewer, basements or confined areas. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling	Avoid contact with eyes, skin or clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Keep in original container. Store in a cool, dry, well-ventilated place. Do not reuse containers. Store away from incompatible materials (see Section 10 of the SDS). KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Sodium hypochlorite (CAS 7681-52-9)	STEL	2 mg/m ³

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields.

Skin protection

Hand protection

For sensitive skin or prolonged use, wear rubber gloves.

Other

Wear appropriate chemical resistant clothing. As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

Thermal hazards

Not applicable.

General hygiene considerations

Wash hands before breaks and immediately after handling the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Clear
Physical state	Liquid.
Form	Liquid
Color	Pale yellow
Odor	Herbaceous, Marine, Bleach
Odor threshold	Not available.
pH	12.4 - 12.8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.04
Solubility(ies)	Soluble
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

Viscosity Not available.

10. Stability and Reactivity

Reactivity This product may react with strong oxidizing agents.

Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

Chemical stability Material is stable under normal conditions.

Conditions to avoid Do not use or mix with other household chemicals, such as toilet bowl cleaners, rust removers, acids or products containing ammonia. To do so will release hazardous, irritating gases.

Incompatible materials Oxidizers. Acids.

Hazardous decomposition products May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected.
Excessive intentional inhalation may cause respiratory tract irritation.

Skin contact Not expected to be a primary skin irritant.

Eye contact Causes serious eye irritation.

Ingestion May cause stomach distress, nausea or vomiting.

Symptoms related to the physical, chemical and toxicological characteristics Causes serious eye irritation.

Information on toxicological effects

Acute toxicity See below.

Components	Species	Test Results
------------	---------	--------------

Sodium hypochlorite (CAS 7681-52-9)

Acute

Dermal

LD50

Rabbit

> 20000 mg/kg, ECHA

Inhalation

LC50

Rat

> 10.5 mg/L, 1 Hours, ECHA

Oral

LD50

Rat

8910 mg/kg, ECHA

Skin corrosion/irritation Not expected to be a primary skin irritant.

Exposure minutes Not available.

Erythema value Not available.

Oedema value Not available.

Serious eye damage/eye irritation Causes serious eye irritation.

Corneal opacity value Not available.

Iris lesion value Not available.

Conjunctival reddening value Not available.

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization Not available.

Germ cell mutagenicity Not available.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Sodium hypochlorite (CAS 7681-52-9)

Volume 52 - 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Not available.
Further information	Not available.

12. Ecological Information

Ecotoxicity See below

Ecotoxicological data

Components	Species	Test Results
Sodium hypochlorite (CAS 7681-52-9)		
Crustacea	EC50	Daphnia
		2.1 mg/L, 48 Hours
Aquatic		
Fish	LC50	Chinook salmon (Oncorhynchus tshawytscha)
		0.038 - 0.065 mg/L, 96 hours

Persistence and degradability Not available.
Bioaccumulative potential Not available.
Mobility in soil Not available.
Mobility in general Not available.
Other adverse effects Not available.

13. Disposal Considerations

Disposal instructions Review federal, provincial, and local government requirements prior to disposal. Discard in garbage or recycle product according to local regulations.

Waste from residues / unused products Not available.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

General

Canada: TDG Proof of Classification:
Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

Canada: TDG: Marine Pollutants Exemption. 1.45.1. : Part 3, Documentation, and Part 4, Dangerous Goods Safety Marks, do not apply to substances that are classified as marine pollutants in accordance with section 2.43 of Part 2, Classification, if they are in transport solely on land by road vehicle or railway vehicle. However, substances may be identified as marine pollutants on a shipping document and the required dangerous goods safety marks may be displayed when they are in transport by road or railway vehicle. (SOR/2008-34, s. 23)

US: DOT: Not regulated per 49 CFR 171.4(c)(1)

IMDG: Not restricted per IMDG Code 2.10.2.7 Marine Pollutant exemption

IATA: Not restricted per IATA Special Provision A197

15. Regulatory Information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

EPA 5813-24-67619

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury and may irritate skin. Vapors may irritate. Do not get in eyes, on skin or on clothing. Wear protective eyewear. Avoid prolonged breathing of vapors. Use only in well-ventilated areas. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. For sensitive skin or prolonged use, wear rubber gloves. Due to irritating nature, may be harmful if swallowed.

PHYSICAL AND CHEMICAL HAZARDS This product contains bleach. Do not use this product with other chemicals such as ammonia, toilet bowl cleaners, rust removers or acids, as this releases hazardous gases.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Sodium hypochlorite (CAS 7681-52-9) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Serious eye damage or eye irritation

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

See below

US - Illinois Chemical Safety Act: Listed substance

Sodium hypochlorite (CAS 7681-52-9)

US - Louisiana Spill Reporting: Listed substance

Sodium hypochlorite (CAS 7681-52-9) Listed.

US - Minnesota Haz Subs: Listed substance

Sodium hypochlorite (CAS 7681-52-9) SODIUM HYPOCHLORITE

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. Massachusetts RTK - Substance List

Sodium hypochlorite (CAS 7681-52-9)

US. New Jersey Worker and Community Right-to-Know Act

Sodium hypochlorite (CAS 7681-52-9)

US. Pennsylvania Worker and Community Right-to-Know Law

Sodium hypochlorite (CAS 7681-52-9)

California Proposition 65

This product is not subject to warning labeling under the California Proposition 65 regulation.

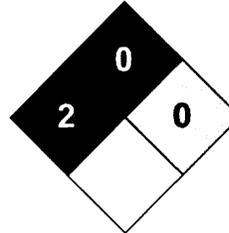
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 2
FLAMMABILITY	0
PERSONAL PROTECTION	X



Disclaimer

The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date

26-July-2021

Version #

01

Further information

Not available.

Other information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Item: Not available

Reference Item: 50049006.004

Prepared by: The Clorox Company, 4900 Johnson Drive, Pleasanton, CA 94588, 925-368-6000

Economical
Janitorial & Paper Supplies, LLC

**Continental® Commercial Institutional Bab-O®
Cleanser with Bleach**

Item# CN-P752088



A triple acting formula of detergent, chlorine bleach and scouring powder works quickly to cut grease, bleach stains, and remove soil and dirt. Ideal for use in hotels, restaurants, industry, and public institutions. It is not harmful to the environment and is phosphorous free. Can be sold to all federally inspected meat and poultry plants.

Fragrance: Pleasantly Perfumed

Can Size: 21 Oz.

Sold By: the Case 24 Cans



CELLUCAP® & DISCO®

MANUFACTURING

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name:	Inst. Bab-0 Powder Cleanser with Bleach, P752088
Distributor:	Disco Inc. 1895 Brannon Road McDonough, GA 30253
Emergency phone:	(800) 255-3924 - Chemtel Inc.
Chemical name:	Mixture
Product use:	Household cleanser. May be used in commercial applications.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	A free flowing white, odorless powder. May irritate the skin and eyes. Dusts may irritate respiratory tract.
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OSHA Regulatory Status	Hazardous
WHMIS Regulatory Status	Controlled Product
OSHA Classification	Skin Corrosion/Irritation – Category 2; Eye Corrosion/Irritation – Category 2A Specific Target Organ Toxicity-Single Exposure – Category 3 (respiratory irritation)
OSHA Signal Word	Warning
OSHA Hazard Statements	Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation
OSHA Precautionary Statements	Wear protective gloves and eye protection. Avoid breathing dusts. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin wash with plenty of water. If irritation occurs get medical attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
OSHA Label Symbols	

POTENTIAL HEALTH EFFECTS

Eyes:	Can irritate the eyes. Burns can occur in the absence of prompt first aid.
Skin:	Can irritate or burn the skin.
Ingestions:	Can cause irritation and stomach distress.
Inhalation:	May cause irritation to the respiratory tract.
Chronic hazards:	Crystalline silica impurity when inhaled above safe exposure limits can cause respiratory system injury and potentially cancer.
Medical conditions aggravated by exposure:	Dermatitis

Ingredients found on established carcinogen lists.

Ingredient Name	OSHA	ACGIH	NTP	IARC
Crystalline Silica	—	Suspect human carcinogen	Known carcinogen	Human carcinogen

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	%WT (exact % is trade secret)
Calcium Carbonate	1317-65-3	80 – 90
Sodium Carbonate	497-19-8	5 – 10
Benzensulfonic acid, C10-16 alkyl derivatives	68584-22-5	1 – 5
Trichloro-s-Triazinetrione	87-90-1	0.1 – 1

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SAFETY DATA SHEET

SECTION 4: FIRST AID MEASURES

Eyes:	Wash with plenty of water for at least 15 minutes. If wearing contact lenses, remove first. If irritation persists, get medical attention.
Skin:	Wash with plenty of water. If irritation persists, get medical attention.
Ingestion:	If conscious, drink several glasses of water. Do not induce vomiting. Consult a physician or poison control center.
Inhalation:	Remove victim to fresh air. Get medical attention if irritation occurs.
Advice to physicians	Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point & method	Not flammable
Auto ignition temperature:	Not flammable
Extinguishing media:	Use any standard agent appropriate for the surrounding fire.
Special fire fighting procedures:	Wear self contained breathing apparatus.
Unusual fire and explosion hazards:	None
Thermal decomposition products:	Traces of carbon monoxide and carbon dioxide are potential thermal decomposition materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear proper personal protective equipment. Indicated in section 8.
Containment	Solid material will not flow.
Clean up	Sweep up and place into container for reuse or disposal.
Notification requirements	None

SECTION 7: HANDLING AND STORAGE

Handling	Avoid Contact with skin and eyes.. Do not breathe dusts from cleaner.
Storage	Store in cool, dry ventilated area

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Use local exhaust ventilation when handling transferring large quantities of cleaner.
Ventilation :	If dusty conditons exist, apply ventialiton to keep below established safe exposure levels
Respiratory protection:	A NIOSH approved dust respirator should be worn in areas where product dusts are encountered.
Eye protection:	Wear safety glasses or goggles,
Skin protection:	Wear work gloves.
Other protective clothing or equipment:	A source of running water in the work area is advisable for first aid purposes.

Exposure Guidelines:

Ingredient Name	OSHA	ACGIH
Calcium Carbonate	15 mg/m ³ Total Dust (TWA) 5 mg/m ³ Respirable Dust (TWA)	None
Crystalline Silica, quartz (trace impurity)	(10 mg/m ³)/(%SiO ₂ + 2) Respirable dust (TWA) 30 mg/m ³ /(%SiO ₂ + 2) Total dust (TWA)	0.025 mg/m ³ Respirable dust (TWA)

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State	White powder
Odor:	Odorless
Odor threshold	None
pH (10% aq.):	9.5 – 11.49
Boiling point & boiling range	Not determined
Melting point/Freezing	Not determined
Freezing point:	Not determined
Vapor pressure (mmhg):	Negligible
Vapor density (air = 1):	Not determined
Relative density (vs water)	1.30
Evaporation rate:	Not determined
Volatile organic compounds (voc):	None
Viscosity:	Not determined
Solubility in water:	Partially soluble
Percent solids by weight:	100 %
Percent volatile:	0%
Flash point	Not flammable
Upper/lower flammable limits	Not flammable
Auto ignition temperatre	Not flammable
Flammability (solid, gas)	Not applicable
Decomposition temperature	Not determined
Viscosity	Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under anticipated storage and use conditions.
Conditions to avoid (stability):	Do not mix with ammonia or other house chemicals as this releases toxic gases.
Incompatibility (material to avoid):	None anticipated
Hazardous decomposition or by-products:	None anticipated
Hazardous polymerization:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute	Not tested as a mixture. Oral toxicity estimated to be low and not toxic under consumer regulations. (> 5000 mg/kg)
Chronic	Crystalline silica impurity can cause decreased pulmonary function and/or lung cancer when inhaled above established safe limits over a prolonged period of time.

SECTION 12: ECOLOGICAL INFORMATION

Ecological data:	Data not available.
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal method:	Conform to state, federal and local regulations.
Rcra hazard class:	Not a RCRA Hazardous waste if discarded.

The information listed in section 13 is for the product as shipped.

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SAFETY DATA SHEET

SECTION 14: TRANSPORT INFORMATION

U.S. DOT hazard class:	Not regulated in surface transportation
Proper shipping name:	Inst. Bab-0 Powder Cleanser with bleach (non-hazardous goods)

SECTION 15: REGULATORY INFORMATION

Toxic substance control act (TSCA):	All ingredients are listed on the TSCA inventory.
Sara title iii (CERCLA):	No RQs or TPQs
311/312 hazard categories:	Immediate, Delayed

Ingredient Name	RQ	TPQ	SARA 313 Reportable Ingredient
No ingredients listed.	---	---	---

California proposition 65:	This product contains a trace impurity known to the State of California to cause cancer (crystalline silica).
WHMIS classification (Canada):	Class D2A, D2B This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
Canadian chemical inventory	Ingredients listed on Domestic Substances List (DSL)

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification: Health: 2 Flammability: 0 Instability: 0 Other: Not Applicable
HMIS Hazard Classification: Health: 2* Flammability: 0 Physical Hazard: 0

Current issue date:	06/14/2016
Previous issue date:	09/30/2014
Changes from previous issue:	Complete rewrite to comply with OSHA HCS 2012. Formulation and classification changes made. Exposure values updated to current standards..

DISCLAIMER: The information contained on this Safety Data Sheet is believed to be reliable and accurate, but is provided without warranty regarding its accuracy. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.



Customer Service: 1-888-GO-BETCO
Equipment Tech Support 1-877-856-5954
8AM - 5:30PM EST, Monday - Friday

Best Scrub Floor Cleaner



High performance top scrub cleaner

Best Scrub is specifically designed for the interim maintenance procedure of top scrubbing and recoating. When used as directed, Best Scrub effectively removes the top layers of soiled floor finish preparing the floor surface for recoating. This is the perfect product for any type of floor maintenance program to help extend the time between restorative stripping procedures.

Features

Effectively removes top coats of finish without attacking bottom layers.

No residue - Does not require flood rinsing.

Pleasant fragrance - No harsh odors.

Low foaming - virtually no foam in scrubber recovery tanks.

Available In



4 - 1 Gal. Bottles Item #67004-00

5 Gal. Pail Item #67005-00

Directions for Use

Recommended for top scrubbing all types of water-based acrylic floor finishes and sealers on all types of resilient tile (vinyl composition, vinyl and linoleum). To be used as a top scrub cleaner in preparing a coated floor surface for recoating.

Dilute Best Scrub 8 1/2 oz./gal. or 65 mL/L (1:15). Apply solution to floor using a mop or automatic scrubber. Agitate solution using a green cleaning pad or brush. Remove solution from the floor with a mop, wet vacuum, or automatic scrubber. When removed properly no flood rinsing is required. After the floor has dried check for residue. If any residue is present a rinse will be needed. If initial scrubbing does not remove embedded dirt, the floor may need additional scrubbing or may require stripping.

Tech Specs

Color	Green
Detergency	Excellent
Emulsification	Excellent
Foaming	Low
Fragrance	Pleasant
pH	8.0 - 10.0
Rinsability	Complete
Warranty	2 years
Water Solubility	Complete
Wetting	Excellent

SAFETY DATA SHEET



Best Scrub

Section 1. Identification

GHS product identifier : Best Scrub
Product code : 670
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Floor cleaning.

Uses advised against

Not applicable.

Supplier's details : Betco Corporation
400 Van Camp Road
Bowling Green, Ohio 43402
www.betco.com
888-462-3826

Emergency telephone number : Chemtrec (800) 424-9300 24 hour

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.
Response : Not applicable.
Storage : Not applicable.
Disposal : Not applicable.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : Not available.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : No specific data.

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Section 8. Exposure controls/personal protection

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Physical state : Liquid.

Color : Green. [Light]

Odor : Lemon-like.

Odor threshold : Not available.

pH : 9.8 to 10.8

Melting point/freezing point : Not available.

Boiling point, initial boiling point, and boiling range : Not available.

Flash point : Closed cup: Not applicable. [Product does not sustain combustion.]

Flammability : Not available.

Lower and upper explosion limit/flammability limit : Not available.

Vapor pressure :

Section 9. Physical and chemical properties and safety characteristics

Ingredient name	Vapor Pressure at 20°C			Vapor pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
Methanol	126.96	16.9				
water	17.5	2.3				
(R)-p-mentha-1,8-diene	1.5	0.2				
Linalyl acetate	<0.75	<0.1				
Linalool	0.2	0.027	OECD 104			
propane-1,2-diol	0.15	0.02	EU A.4			
2,6-dimethyloct-7-en-2-ol	0.15	0.02	EU A.4			
citronellol	<0.08	<0.011				
alpha-Terpineol	0.049	0.0065				
citral	0.03	0.004				
eugenol	0.03	0.004				
2,6-di-tert-butyl-p-cresol	0.01	0.0013				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	0.00051	0.000068	OECD 104			
benzyl salicylate	0.000078	0.00001				
dodecyltrimethylamine oxide	0.00000016	0.000000021				
geraniol	0	0				

Relative vapor density : Not available.

Relative density : 1.005

Solubility(ies) :

Media	Result
cold water	Easily soluble
hot water	Easily soluble

Solubility in water : Not available.

Miscible with water : Yes.

Partition coefficient: n-octanol/water : Not applicable.

Auto-ignition temperature :

Ingredient name	°C	°F	Method
citral	225	437	DIN 51794
Linalool	235	455	
(R)-p-mentha-1,8-diene	237	458.6	
citronellol	240	464	
Linalyl acetate	270	518	EU A.15
propane-1,2-diol	371	699.8	
benzyl salicylate	440	824	
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	>400	>752	EU A.16
Methanol	455	851	DIN 51794

Decomposition temperature : Not available.

Section 9. Physical and chemical properties and safety characteristics

Median particle size : Not applicable.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Routes of entry not anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Section 11. Toxicological information

- Skin contact** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Long term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

- General** : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

N/A

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

- Soil/water partition coefficient (K_{oc})** : Not available.

- Other adverse effects** : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 5(a)2 proposed significant new use rules:** 5-chloro-2-methyl-2H-isothiazol-3-one; 3(2H)-Isothiazolone, 2-methyl-
TSCA 8(a) PAIR: 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde; α -hexylcinnamaldehyde
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
Clean Water Act (CWA) 307: dodecanenitrile

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals : Not listed

Section 15. Regulatory information

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

⚠ WARNING: This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Methanol	-	Yes.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : At least one component is not listed.

Canada : All components are listed or exempted.

China : At least one component is not listed.

Eurasian Economic Union : **Russian Federation inventory:** Not determined.

Japan : **Japan inventory (CSCL):** Not determined.
Japan inventory (ISHL): Not determined.

New Zealand : All components are listed or exempted.

Philippines : Not determined.

Republic of Korea : Not determined.

Taiwan : Not determined.

Thailand : Not determined.

Turkey : Not determined.

Section 15. Regulatory information

Viet Nam : Not determined.

Section 16. Other information

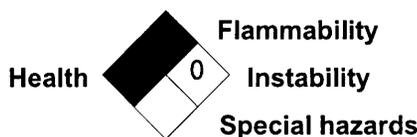
Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



Procedure used to derive the classification

Not classified.

History

Date of printing : 9/5/2024
 Date of issue/Date of revision : 9/5/2024
 Date of previous issue : No previous validation
 Version : 1

Key to abbreviations : ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 N/A = Not available
 SGG = Segregation Group
 UN = United Nations

References : Not available.

▣ Indicates information that has changed from previously issued version.

Notice to reader

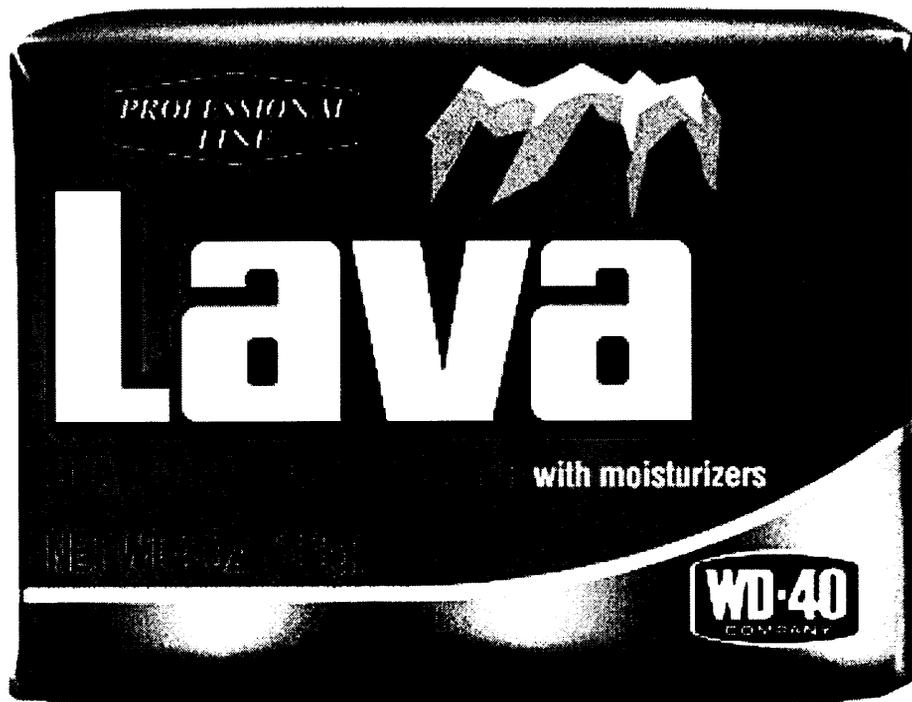
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Economical
Janitorial & Paper Supplies, LLC.

Lava[®] Professional Heavy Duty Hand Cleaner

Item# JS-29004



The Lava Bar is the original heavy-duty hand cleaner. Since 1893, do-it-yourselfers, coal miners, and oil rig workers have depended on the power of pumice in Lava to cut through even the toughest grease and grime. Lava's name was derived from one of its key ingredients-pumice. A by-product of volcanic activity, pumice is used in combination with other cleaning and moisturizing agents to clean and soften even the dirtiest of hands.

Scent: Fresh

Size: 4 oz.

Sold By: the Case of 48 Bars





Safety Data Sheet

1 - Identification

Product Name: Lava Bar	Manufacturer: WD-40 Company
Product Use: Hand Cleaner	Address: 9715 Businesspark Avenue San Diego, California, USA 92131
Restrictions on Use: None identified	Telephone:
SDS Date Of Preparation: July 18, 2018	Emergency: 1-888-324-7596
	Information: 1-888-324-7596
	Chemical Spills: 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)

2 – Hazards Identification

Hazcom 2012/GHS Classification:
Eye Irritant Category 2A

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Label Elements:



WARNING!

Causes serious eye irritation.

Prevention

Rinse hands thoroughly after use.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	US Hazcom 2012/ GHS Classification
Pumice	1332-09-8	10-30%	Not Hazardous
Coconut Acid	Mixture	<3%	Eye Damage Category 1
Titanium Dioxide	13463-67-7	0.1-1%	Carcinogen Category 2*
Non-Hazardous Ingredients	Mixture	Balance	Not Hazardous

Note: The exact percentages are a trade secret.

* Carcinogen classification applies to respirable forms only. Not applicable to this product.

4 – First Aid Measures

Ingestion (Swallowed): If large amount is swallowed and symptoms occur, call a physician, poison control center, or the WD-40 Safety Hotline at 1-888-324-7596. Rinse mouth with water and give one eight-ounce glass of water to drink if the patient is conscious and responsive.

Eye Contact: Do not rub eyes. Flush immediately with large amounts of water. Get medical attention if irritation persists.

Skin Contact: This product is intended for skin contact. Discontinue use and consult a physician if irritation develops and persists.

Inhalation (Breathing): No first aid should be required.

Signs and Symptoms of Exposure: May cause eye irritation.

Indication of Immediate Medical Attention/Special Treatment Needed: Immediate medical attention is not required.

5 – Fire Fighting Measures

Suitable (and unsuitable) Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Specific Hazards Arising from the Chemical: None known.

Special Protective Equipment and Precautions for Fire-Fighters: None required.

6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: None required.

Methods and Materials for Containment/Cleanup: Pick up for use or place in trash.

7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes.

Conditions for Safe Storage: No special storage required.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Pumice	5 mg/m ³ (respirable), 15 mg/m ³ (total dust) TWA OSHA PEL
Coconut Acid	None Established
Titanium Dioxide	10 mg/m ³ TWA ACGIH TLV 15 mg/m ³ (total dust) TWA OSHA PEL
Non-Hazardous Ingredients	None Established

The Following Controls are Recommended for Normal Consumer Use of this Product

Appropriate Engineering Controls: None required

Personal Protection:

Eye Protection: None required, avoid eye contact.

Skin Protection: None required, this product is intended for skin contact.

Respiratory Protection: None required.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate Engineering Controls: Good general ventilation should be adequate.

Personal Protection:

Eye Protection: Safety goggles recommended if dust or mists are generated.

Skin Protection: None required for anticipated use, this product is intended for skin contact.

Respiratory Protection: None required.

Work/Hygiene Practices: Rinse thoroughly after washing or handling.

9 – Physical and Chemical Properties

Appearance:	Green solid	Flammable Limits:	Not applicable
Odor:	Pleasant Fragrance	Vapor Pressure:	Not applicable
Odor Threshold:	Not established	Vapor Density:	Not applicable
pH:	Not Applicable	Relative Density:	>1
Melting/Freezing Point:	Not applicable	Solubilities:	Soluble in water
Boiling Point/Range:	Not applicable	Partition Coefficient; n-octanol/water:	Not established
Flash Point:	None	Autoignition Temperature:	Not established
Evaporation Rate:	Not applicable	Decomposition Temperature:	Not established
Flammability (solid, gas):	Not flammable	Viscosity:	Not applicable
VOC:	0%	Pour Point:	Not applicable

10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions

Chemical Stability: Stable

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Combustion will produce oxides of carbon and nitrogen.

11 – Toxicological Information

Symptoms of Overexposure:

Inhalation: None known

Skin Contact: Prolonged contact may cause irritation in sensitive individuals.

Eye Contact: May cause irritation with redness, stinging and tearing. Pumice may cause abrasive injury to the eye.

Ingestion: Not intended for ingestion, however, not expected to be toxic. May cause gastrointestinal irritation.

Chronic Effects: None known.

Carcinogen Status: This product contains small amount of titanium dioxide, which is listed by IARC as a suspected carcinogen (Group 2B). Titanium dioxide only presents a risk of cancer by inhalation of very fine dust. In this product, the titanium dioxide is incorporated into the soap and is not present as a respirable dust. There is no exposure to respirable titanium dioxide dust in the normal use of this product. None of the other components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: None of the components is considered a reproductive hazard.

Numerical Measures of Toxicity:

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

12 – Ecological Information

Ecotoxicity: No specific aquatic toxicity data is currently available, however components of this product are not expected to be harmful to aquatic organisms

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available

Other Adverse Effects: None known

13 - Disposal Considerations

Dispose in accordance with local, state and federal regulations.

14 – Transportation Information

Not regulated for Transportation by any mode

15 – Regulatory Information

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirement. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not require a California Proposition 65 warning.

16 – Other Information

HMIS Hazard Rating:

Health – 1 (slight hazard), Fire Hazard – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard)

Revision Date: July 18, 2018

Supersedes: September 21, 2017

Revision Summary: Address and telephone number update in Section 1.

Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

Reviewed By: I. Kowalski

Regulatory Affairs

3042200/No.0098003

Economical
Janitorial & Paper Supplies, LLC

Gojo® Natural* Orange™ Pumice Hand Cleaner
Item# GJ-0955-04



Lotion-style hand cleaner made with Natural* Orange™ and pumice scrubbers that removes a broad range of soils. This hand cleaner contains a *natural citrus ingredient giving it a great orange citrus scent.

Sold by: the Gallon or Case of 4 - 1 Gallons




GOJO® NATURAL* ORANGE™ Pumice Hand Cleaner

Version 1.0

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Revision Date: 04/27/2021

SECTION 1. IDENTIFICATION

Product name : GOJO® NATURAL* ORANGE™ Pumice Hand Cleaner

Manufacturer or supplier's details

Company name of supplier : GOJO Industries, Inc.
 Address : One GOJO Plaza, Suite 500
 Akron, Ohio 44311
 Telephone : 1 (330) 255-6000
 Emergency telephone : CHEMTREC 1-800-424-9300
 number : CHEMTREC +1-703-527-3887: Outside USA & CANADA

Recommended use of the chemical and restrictions on use

Recommended use : Skin-care
 Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

SECTION 2. HAZARDS IDENTIFICATION
GHS Classification

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
 P280 Wear eye protection/ face protection.
Response:
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/


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attention.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous components

Chemical name	CAS-No.	Concentration (%)
Laureth-7	9002-92-0	>= 1 - < 5
Glycerin	56-81-5	>= 1 - < 5
Limonene	5989-27-5	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice	: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	: If inhaled, remove to fresh air. If symptoms persist, call a physician.
In case of skin contact	: Get medical attention if irritation develops and persists.
In case of eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Seek medical advice.
If swallowed	: If swallowed, DO NOT induce vomiting. Rinse mouth with water. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	: Causes serious eye irritation.
Protection of first-aiders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	: None known.
Hazardous combustion products	: Carbon oxides
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.


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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
Material can create slippery conditions.
- Environmental precautions : Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers).
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.
Do not swallow.
Avoid contact with eyes.
Keep container closed when not in use.
- Conditions for safe storage : Keep in properly labelled containers.
Keep container tightly closed in a dry and well-ventilated place.
Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Glycerin	56-81-5	TWA (mist, respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (mist, total dust)	15 mg/m ³	OSHA Z-1
Limonene	5989-27-5	TWA	20 ppm	ACGIH

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Eye protection : No special protective equipment required.
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : No special protective equipment required.
Protective measures : Choose body protection in relation to its type, to the

SAFETY DATA SHEET



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Hygiene measures : concentration and amount of dangerous substances, and to the specific work-place.
: Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : grey, opaque
Odour : citrus
Odour Threshold : No data available

pH : 4.0 - 6.0, (20 °C)

Melting point/freezing point : No data available
Initial boiling point and boiling range : > 90 °C
Flash point : > 100 °C

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : Not applicable

Density : 1.03 g/cm³

Solubility(ies)
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable

Auto-ignition temperature : No data available

Thermal decomposition : The substance or mixture is not classified self-reactive.

Viscosity
Viscosity, kinematic : 10000 - 45000 mm²/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY


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Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Incompatible materials	: Oxidizing agents
Hazardous decomposition products	: No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure

Inhalation
Skin contact
Eye contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:
Laureth-7:

Acute oral toxicity : LD50 (Rat): > 500 - 2,000 mg/kg
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 1.6 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Remarks: Based on data from similar materials

Glycerin:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Limonene:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Based on data from similar materials

Skin corrosion/irritation

Not classified based on available information.

Components:
Laureth-7:

Species: Rabbit
Result: No skin irritation
Remarks: Based on data from similar materials

Glycerin:

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Result: No skin irritation

Limonene:

Species: Rabbit

Result: Skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:**Laureth-7:**

Species: Rabbit

Result: Irreversible effects on the eye

Remarks: Based on data from similar materials

Glycerin:

Result: No eye irritation

Limonene:

Species: Rabbit

Result: No eye irritation

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Product:

Result: Does not cause skin sensitisation.

Components:**Laureth-7:**

Test Type: Maximisation Test (GPMT)

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Remarks: Based on data from similar materials

Limonene:

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: positive

Assessment: Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity

Not classified based on available information.

Components:**Laureth-7:**

Genotoxicity in vitro

: Test Type: Bacterial reverse mutation assay (AMES)

Method: OECD Test Guideline 471

Result: negative


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Remarks: Based on data from similar materials

Glycerin:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Method: OECD Test Guideline 476
Result: negative

Limonene:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Result: negative

Genotoxicity in vivo : Test Type: Transgenic rodent somatic cell gene mutation assay
Test species: Rat
Application Route: Ingestion
Result: negative

Carcinogenicity

Not classified based on available information.

Components:**Glycerin:**

Species: Rat
Application Route: Ingestion
Exposure time: 2 Years
Result: negative

Limonene:

Species: Mouse
Application Route: Ingestion
Exposure time: 103 weeks
Result: negative

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:**Glycerin:**

Effects on fertility : Test Type: Two-generation reproduction toxicity study
Species: Rat
Application Route: Ingestion
Result: negative


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Effects on foetal development : Test Type: Embryo-foetal development
 Species: Rabbit
 Application Route: Ingestion
 Result: negative

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity**Components:****Glycerin:**

Species: Rat

NOAEL: 167 mg/m3

LOAEL: 660 mg/m3

Application Route: inhalation (dust/mist/fume)

Exposure time: 13 w

Symptoms: Local irritation

Limonene:

Species: Rat

NOAEL: 600 mg/kg

Application Route: Ingestion

Exposure time: 13 w

Aspiration toxicity

Not classified based on available information.

Components:**Limonene:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

SECTION 12. ECOLOGICAL INFORMATION
Ecotoxicity**Components:****Laureth-7:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l
 Exposure time: 96 h
 Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l
 Exposure time: 48 h
 Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): > 0.1 - 1 mg/l
 Exposure time: 21 d
 Remarks: Based on data from similar materials


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Glycerin:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 54,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,955 mg/l
Exposure time: 48 h

Toxicity to bacteria : NOEC (Pseudomonas putida): > 10,000 mg/l
Exposure time: 16 h

Limonene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.72 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.36 mg/l
Exposure time: 48 h

Toxicity to algae : ErC50 (Desmodesmus subspicatus (green algae)): 150 mg/l
Exposure time: 72 h
Test substance: Water Accommodated Fraction
Remarks: Based on data from similar materials

M-Factor (Acute aquatic toxicity) : 1

Persistence and degradability**Components:****Laureth-7:**

Biodegradability : Result: rapidly degradable
Remarks: Based on data from similar materials

Glycerin:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 94 %
Exposure time: 1 d

Limonene:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 80 %
Exposure time: 28 d
Remarks: Based on data from similar materials

Bioaccumulative potential**Components:****Laureth-7:**

Bioaccumulation : Species: Fish
Bioconcentration factor (BCF): < 500
Remarks: Based on data from similar materials

Glycerin:

Partition coefficient: n-octanol/water : log Pow: -1.76

Limonene:

Partition coefficient: n- : log Pow: 4.38



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octanol/water

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.
Contaminated packaging : Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).


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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Glycerin 56-81-5 1 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

California Prop 65

This product does not require a warning label under California Proposition 65.

The components of this product are reported in the following inventories:

TSCA	: On TSCA Inventory
AICS	: On the inventory, or in compliance with the inventory
DSL	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)



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Version 1.0

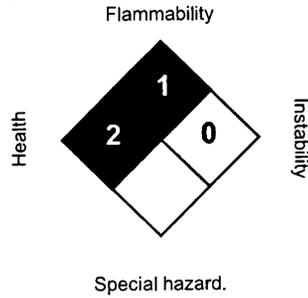
SDS Number: 400000005951

Revision Date: 04/27/2021

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

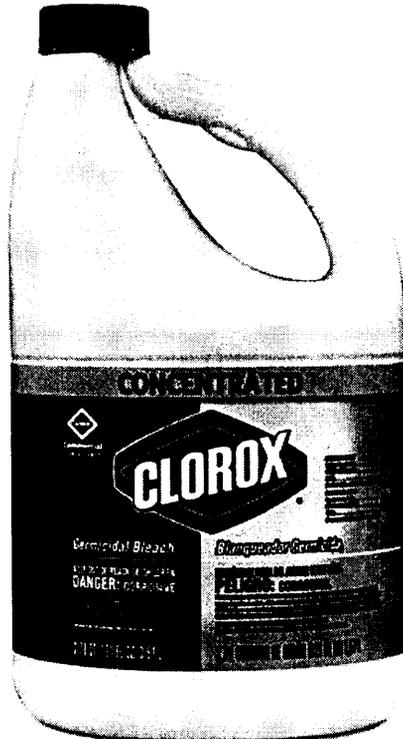
0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Revision Date : 04/27/2021

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Economical
Janitorial & Paper Supplies, LLC

**Clorox Professional® Ultra Clorox® Germicidal
Bleach, 121 oz.**
Item# CX-30966



EPA-registered, 8.25% germicidal bleach eliminates more organisms than Ultra Clorox®. With twice the strength of Ultra, you can also cut your use-amount in half, making it more economical. Ergonomic bottle is easier to pour, handle, carry and store. Safe for food-contact surfaces.
Kills C. difficile spores in 5 minutes.

Scent: Regular
Physical Form: Liquid
Sold By: a Case of 3 - 121 oz. Bottles





SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date June 12, 2015

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox Commercial Solutions® Clorox® Germicidal Bleach₁

Other means of identification

EPA Registration Number 5813-100-67619

Recommended use of the chemical and restrictions on use

Recommended use Institutional hard surface disinfecting and sanitizing bleach

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Clorox Professional Products Company
1221 Broadway
Oakland, CA 94612

Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies, call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2 HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

GHS Label elements, including precautionary statements

Emergency Overview

Signal word	Danger		
Hazard Statements	Causes severe skin burns and eye damage Causes serious eye damage		
			
Appearance	Clear, pale yellow	Physical State	Thin liquid
		Odor	Bleach

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves, protective clothing, face protection, and eye protection such as safety glasses.

Precautionary Statements - Response

Immediately call a poison center or doctor.
 If swallowed: Rinse mouth. Do NOT induce vomiting.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 Wash contaminated clothing before reuse.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Specific treatment (see supplemental first aid instructions on this label).
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents in accordance with all applicable federal, state, and local regulations.

Hazards not otherwise classified (HNOC)

Although not expected, heart conditions or chronic respiratory problems such as asthma, chronic bronchitis, or obstructive lung disease may be aggravated by exposure to high concentrations of vapor or mist.

Product contains a strong oxidizer. Always flush drains before and after use.

Unknown Toxicity

Not applicable.

Other information

Very toxic to aquatic life with long lasting effects.

Interactions with Other Chemicals

Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids, or products containing ammonia to produce hazardous irritating gases, such as chlorine and other chlorinated compounds.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium hypochlorite	7681-52-9	5 - 10	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****General Advice**

Call a poison control center or doctor immediately for treatment advice. Show this safety data sheet to the doctor in attendance.

Eye Contact

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin Contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation

Move to fresh air. If breathing is affected, call a doctor.

Ingestion

Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice.

Protection of First-aiders

Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

Burning of eyes and skin.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically. Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

This product causes burns to eyes, skin, and mucous membranes. Thermal decomposition can release sodium chlorate and irritating gases and vapors.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required. For spills of multiple products, responders should evaluate the MSDSs of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed and/or poorly-ventilated areas until hazard assessment is complete.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams. See Section 12 for ecological information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Store away from children. Reclose cap tightly after each use. Store this product upright in a cool, dry area, away from direct sunlight and heat to avoid deterioration. Do not contaminate food or feed by storage of this product.

Incompatible Products Toilet bowl cleaners, rust removers, acids, and products containing ammonia.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hypochlorite 7681-52-9	None	None	None

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection If splashes are likely to occur: Wear safety glasses with side shields (or goggles) or face shield.

Skin and Body Protection Wear rubber or neoprene gloves and protective clothing such as long-sleeved shirt.

Respiratory Protection If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Thin liquid	Odor	Bleach
Appearance	Clear	Odor Threshold	No information available
Color	Pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	~12	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	Not flammable	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	~1.1	None known
Water Solubility	Soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids, or products containing ammonia to produce hazardous irritating gases, such as chlorine and other chlorinated compounds.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

Toilet bowl cleaners, rust removers, acids, and products containing ammonia.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	Exposure to vapor or mist may irritate respiratory tract and cause coughing. Inhalation of high concentrations may cause pulmonary edema.
Eye Contact	Corrosive. May cause severe damage to eyes.
Skin Contact	May cause severe irritation to skin. Prolonged contact may cause burns to skin.
Ingestion	Ingestion may cause burns to gastrointestinal tract and respiratory tract, nausea, vomiting, and diarrhea.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite 7681-52-9	8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes. May cause burns to eyes. May cause redness or burns to skin. Inhalation may cause coughing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.
Chronic Toxicity Carcinogenic potential is unknown.
Target Organ Effects Respiratory system, eyes, skin, gastrointestinal tract (GI).

Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

54 g/kg

ATEmix (inhalation-dust/mist)

58 mg/L

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Dispose of in accordance with all applicable federal, state, and local regulations. Do not contaminate food or feed by disposal of this product.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not restricted.
<u>TDG</u>	Not restricted for road or rail.
<u>ICAO</u>	Not restricted, as per Special Provision A197, Environmentally Hazardous Substance exception.
<u>IATA</u>	Not restricted, as per Special Provision A197, Environmentally Hazardous Substance exception.
<u>IMDG/IMO</u>	Not restricted, as per IMDG Code 2.10.2.7, Marine Pollutant exception.

15. REGULATORY INFORMATION**Chemical Inventories**

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the restroom. Avoid breathing vapors and use only in a well-ventilated area.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium chlorate 7775-09-9	X	X	X		

International Regulations**Canada****WHMIS Hazard Class**

E - Corrosive material

**16. OTHER INFORMATION**

NFPA Health Hazard 3 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 3 Flammability 0 Physical Hazard 0 Personal Protection B

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date June 12, 2015

Revision Note Revision Section 14.

Reference 1081722/166081.094

General Disclaimer

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End of Safety Data Sheet



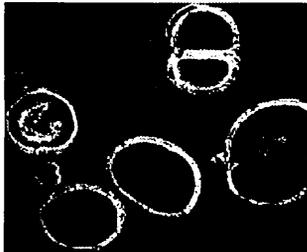
PURE BRIGHT®

GERMICIDAL ULTRA BLEACH

NOW KILLS:



C.Diff. Spore



MRSA



Hepatitis B



Hepatitis C



This product when used as directed on hard, non-porous surfaces is effective at killing the following:

FUNGICIDAL
• Trichophyton mentagrophytes (Athlete's foot fungus)
• Aspergillus brasiliensis (mildew)
BACTERICIDAL
• Clostridium difficile spore (C.Diff Spore)
• Methicillin Resistant Staphylococcus aureus (MRSA)
• Escherichia coli O157:H7 (E. coli)
• Pseudomonas aeruginosa (pseudomonas)
• Salmonella enterica (salmonella)
• Shigella dysenteriae
• Staphylococcus aureus (staph)
• Streptococcus pyogenes (strep)
VIRUCIDAL
• Adenovirus type 2
• Avian Influenza A virus
• Canine Parvovirus
• Cytomegalovirus
• Feline Panleukopenia virus (Parvovirus)
• Hepatitis A virus
• Hepatitis B virus (HBV)
• Hepatitis C virus (HCV)
• Herpes simplex virus Type 1 (herpes)
• Herpes simplex virus Type 2 (herpes)
• Human Immunodeficiency Virus type 1 (HIV-1)
• Influenza A virus (Strain Hong Kong)
• H1N1 Influenza A virus
• Poliovirus type 1
• Respiratory syncytial virus
• Rhinovirus type 37
• Rotavirus



PURE BRIGHT[®]

GERMICIDAL ULTRA BLEACH



Available in 4 and 6 gallon bottles per case formats.

SPECIFICATIONS - Four Pack

Non-Chep Pallet Item Number: 11008635391
Net Contents: 128 FL OZ
UPC: 0-59647-21014-3
GTIN: 1-00-59647-21014-0
EPA Registration Number: 70271-13

Easy pour, splash resistant spout
Induction Heat Sealed Closure

Unit Dimensions: 6.1 x 6.1 x 11.9 inches
--

Case Dimensions: 12.9 x 12.9 x 12.6 inches
Bottles per Case: 4
Case Weight: 38.1 pounds
Case Cube: 1.18 cubic feet

Cases per Pallet Layer: 12
Layers per Pallet: 4
Cases per Pallet: 48

Pallet Dimensions: 40.0 x 50.3 x 54.3 inches
Pallet Weight: 1,893.8 pounds
Pallet Cube: 63.10 cubic feet

SPECIFICATIONS - Six Pack

Chep Pallet Item Number: 11008635041
Non-Chep Pallet Item Number: 11008635042
Net Contents: 128 FL OZ
UPC: 0-59647-21014-3
GTIN: 2-00-59647-21014-7
EPA Registration Number: 70271-13

Easy pour, splash resistant spout
Induction Heat Sealed Closure

Unit Dimensions: 6.1 x 6.1 x 11.9 inches
--

Case Dimensions: 18.8 x 12.8 x 12.6 inches
Bottles per Case: 6
Case Weight: 58.5 pounds
Case Cube: 1.75 cubic feet

Cases per Pallet Layer: 7
Layers per Pallet: 4
Cases per Pallet: 28

Pallet Dimensions: 48 x 40 x 56 inches
Pallet Weight: 1,638 pounds
Pallet Cube: 62.22 cubic feet

PROFESSIONAL PRODUCTS FROM KCP LABORATORIES.

For questions, comments, ordering, MSDS information please call us at 1-800-276-8260 or www.kikcorp.com

©2010 KIK Custom Products

Issue Date No data available

Revision Date 26-Mar-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name Pure Bright Germicidal Ultra Bleach 1 GAL

Other means of identification

Product UPC 59647-21014
Product Code 11008635041, 11008635042, 11008638431
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant. Cleaning agent. Chlorine-based bleaching agents.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

KIK International LLC
 33 Macintosh Blvd.
 Concord, Ontario
 Canada L4K 4L5
 1-800-479-6603

Emergency telephone number

Emergency Telephone Poison Control Center (Medical) : (866) 366-5048
 Chemtel (Transportation) 1-888-255-3924

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation
 Causes serious eye damage



Appearance clear, light yellow

Physical state liquid

Odor Chlorine

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs:
Get medical advice/attention

Precautionary Statements - Storage

Keep out of reach of children. Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

0% of the mixture consists of ingredient(s) of unknown toxicity
Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium hypochlorite	7681-52-9	5-7	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin contact Wash skin with soap and water.

Inhalation Remove to fresh air.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7 HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Acids, Ammonia.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid	Odor	Chlorine
Appearance	clear, light yellow	Odor threshold	No information available
Color	light yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	~12.5	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.07 - 1.09	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	None
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Incompatible materials. Extremes of temperature and direct sunlight.

Incompatible materials

Acids, Ammonia.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye contact Avoid contact with eyes. May cause burns.
Skin contact Avoid contact with skin. May cause irritation.
Ingestion May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	= 8200 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)
 Not classifiable as a human carcinogen*

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium hypochlorite 7681-52-9	0.095: 24 h Skeletonema costatum mg/L EC50	0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow-through 4.5 - 7.6: 96 h Pimephales promelas mg/L LC50 static 0.4 - 0.8: 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.05 - 0.771: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.18 - 0.22: 96 h Oncorhynchus mykiss mg/L LC50 static	2.1: 96 h Daphnia magna mg/L EC50 0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static
Sodium hydroxide 1310-73-2	-	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

UN/ID no.	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IMDG

UN/ID no.	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Marine pollutant	This material meets the definition of a marine pollutant
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb	-	-	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hypochlorite 7681-52-9	X	X	X
Sodium hydroxide 1310-73-2	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number 70271-13

Difference between SDS and EPA Pesticide label

DANGER: Corrosive. May cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses and rubber gloves when handling this product. Wash after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health hazards 2	Flammability 0	Instability 1	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 0	Physical hazards 1	Personal protection B

Revision Date 26-Mar-2015

Revision Note

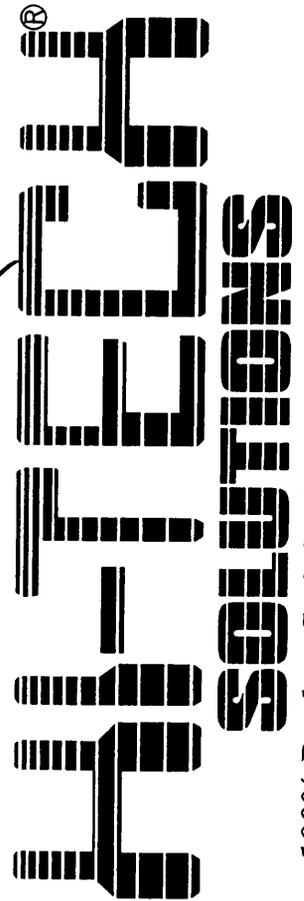
No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Lavuloso



100% Product Satisfaction -- Money Back Guarantee



Lavender Scented



Marble Safe



Neutral pH



**All Purpose
Cleaner**



**Money Saving
Concentrate**

DESCRIPTION:

Lavuloso is a multi-purpose, safe cleaner that leaves a long-lasting fresh scent. It is excellent for damp mopping any surface. Lavuloso contains no harsh alkalis that leave residue or acids to damage floor finish. Lavuloso is safe for all surfaces and was specifically designed as an effective low-foaming cleaner that is non-acidic, non-alkali, and non-butyl. Lavuloso is also pH neutral, non-corrosive, non-toxic, but still is effective in removing grease and dirt. It will not cause corrosion of soft metals such as aluminum, magnesium, and zinc. It also dilutes clearly without a precipitate in hard water, either hot or cold.

- ☐ One quart of Lavuloso will make 4 gallons of ready to use product.
- ☐ One gallon of Lavuloso will make 16 gallons of ready to use product.
- ☐ One five gallon pail of Lavuloso will make 80 gallons of ready to use product.

DIRECTIONS:

General Cleaning and Degreasing:

Dilute 1 part cleaner with 8 to 10 parts water.

Wet Mopping and Sponging:

Dilute 1 part cleaner with 40 to 80 parts water.

Use on all surfaces not harmed by water.

SPECIFICATIONS:

Appearance.....purple
Fragrance.....lavender
pH.....7 to 8
Flash Point.....None
Solvents.....None
Prod. code#.....5270

AVAILABLE SIZES:

Quarts
One Gallon
Five Gallon Pail
Fifty-Five Gallon drum

PAPER & JANITORIAL
SUPPLIES, INC.

Economical

(504) 464-7166

(800) 735-6745

1420-F SAM'S AVE

HARAHAN LA. 70123

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Lavuloso
CHEMICAL FAMILY: Cleaning Compound
PRODUCT NUMBER: 5770
DISTRIBUTOR:
ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166
EMERGENCY PHONE NUMBER (800) -- 535-5053 INFOTRAC

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category: 2B
GHS LABEL ELEMENTS:
 Signal Word: Warning
 Symbols: none
Hazard Statements:
 Eyes: Causes Eye Irritation

PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

SECTION 3: COMPOSITION

	%	CAS#
Nonylphenol Ethoxylates	1-5	75154-52-3
SODIUM LAURYL ETHER SULFATE	2-5	900-872-4
water	60-70	7732-18-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION: Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
INGESTION: Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.
EYE CONTACT: Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
SKIN CONTACT: Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: None
EXTINGUISHING MEDIA: As required by the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full-face breathing apparatus and full protective clothing.
UNUSUAL HAZARDS: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
LARGE SPILLS: Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.
SMALL SPILLS: Spill can be mopped up then flush contaminated area with plenty of water.
OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Nonylphenol Ethoxylates	Not Available				
SODIUM LAURYL ETHER SULFATE	Not Available				
water	Not Available				

SECTION 313 - SUPPLIER NOTIFICATION:

THE PRODUCTS MARKED WITH A * ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOWLEDGE ACT OF 1986 AND OF 40 CFR 372.

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY. COMPONENTS NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%

RESPIRATORY PROTECTION

VENTILATION	Yes	Other Protective Measures
PROTECTIVE GLOVES	Yes	Limit contact with skin. Wash hands thoroughly after use.
EYE PROTECTION	Yes	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Purple Liquid
ODOR: Lavender
pH: 7
RELATIVE DENSITY: Unknown
SOLUBILITY: Completely
BOILING POINT: >272° F
FLASH POINT: N/A
VAPOR PRESSURE: N/A
EVAPORATION RATE: N/A
VAPOR DENSITY: N/A
POUNDS PER GALLON: 8.4

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Extreme Temperatures
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	strong acids and oxidizers Co2, CO

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY	No
IRITANT	No
HAZ. MONOGRAPHS	No
OSHA REGULATED	

Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Nonylphenol Ethoxylates	>1000mg/kg	>2000mg/kg	Not Available
SODIUM LAURYL ETHER SULFATE	>2000mg/kg	>2000mg/kg	Not Available
water	Not Available	Not Available	Not Available

SECTION 14 TRANSPORT INFORMATION:

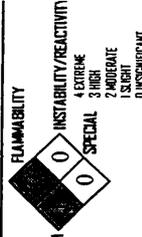
Not Regulated
 Non Hazardous

Date: June 1, 2022

Manufacturer:
 TRANS GULF INDUSTRIES INC., PO Box 28809
 600 Humphreys St. Harahan, LA 70183
 (504) - 735-7855 or 1-800-725-7855
 www.geartyproducts.com

FLAMMABILITY

HEALTH



This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above information that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to it.

Economical
Janitorial & Paper Supplies, LLC

**Clorox Commercial Solutions® Formula 409®
Cleaner & Degreaser**
Item# CX-35300



Quickly remove grease, grime, food stains, and other oil-based dirt. This EPA registered disinfectant and sanitizer is formulated to kill Salmonella, Staph, and E.coli on non-food-contact surfaces. Trigger-spray bottle contains a ready-to-use, powerful grease-cutting, no-rinse formula that saves time and labor and eliminates chance of dilution errors.

Sold By: the Case of 4/1-Gallon Bottles



1. Identification

Product identifier	CloroxPro Formula 409 Cleaner Degreaser Disinfectant		
Other means of identification	EPA 67619-10		
	Document Number: US001324		
Recommended use	Disinfectant		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/Distributor information			
Manufacturer			
Company name	The Clorox Company		
Address	1221 Broadway Oakland, CA 94612 United States		
Telephone	1-510-271-7000		
E-mail	Not available.		
Emergency phone number	Medical Emergency:	1-800-446-1014	
	Transportation Emergency:	1-800-424-9300 (Chemtrec)	

2. Hazards Identification

Physical hazards	Not classified.		
Health hazards	Serious eye damage/eye irritation	Category 2B	
Environmental hazards	Not classified.		
OSHA defined hazards	Not classified.		
Label elements			
Hazard symbol	None.		
Signal word	Warning		
Hazard statement	Causes eye irritation.		
Precautionary statement			
Prevention	Wash hands thoroughly after handling.		
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.		
Storage	Store away from incompatible materials.		
Disposal	Dispose of container in accordance with local, regional, national and international regulations.		
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure. This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.		

3. Composition/Information on Ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Alkyl (C12 40%; C14 50%; C16 10%) dimethyl benzyl ammonium chloride		68424-85-1	0.3

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

4. First Aid Measures

Inhalation If breathed in, move person into fresh air.

Skin contact	IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.
Eye contact	IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then, continue rinsing eye. Call a poison control center or doctor for treatment advice.
Ingestion	If swallowed, call a Poison Control Center or doctor immediately. DO NOT induce vomiting.
Most important symptoms/effects, acute and delayed	Causes eye irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
General information	If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. KEEP OUT OF REACH OF CHILDREN AND PETS. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Clorox Information Line: 1-888-797-7225

5. Fire Fighting Measures

Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Prevent entry into waterways, sewer, basements or confined areas. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

7. Handling and Storage

Precautions for safe handling	Avoid contact with eyes, skin or clothing. Avoid contact with foods. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Keep in original container. Do not reuse containers. Store away from incompatible materials (see Section 10 of the SDS). KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Not normally required under normal use conditions. If splashes are likely to occur, wear: Wear safety glasses with side shields.
Skin protection	
Hand protection	Not normally required when used as directed. For prolonged use, wear rubber gloves.

Other	Wear appropriate chemical resistant clothing. As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).
Thermal hazards	Not applicable.
General hygiene considerations	Wash hands before breaks and immediately after handling the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance	Clear
Physical state	Liquid.
Form	Liquid
Color	Green
Odor	Floral, Citrus
Odor threshold	Not available.
pH	9 - 11.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1
Solubility(ies)	Soluble
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Oxidizers. Acids.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Ammonia. Chlorine gas.

11. Toxicological Information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected. Excessive intentional inhalation may cause respiratory tract irritation.
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Skin contact Not expected to be a primary skin irritant.
Eye contact Causes eye irritation.
Ingestion May cause stomach distress, nausea or vomiting.
Symptoms related to the physical, chemical and toxicological characteristics Causes serious eye irritation.

Information on toxicological effects

Acute toxicity See below.

Components **Species** **Test Results**
 Alkyl (C12 40%; C14 50%; C16 10%) dimethyl benzyl ammonium chloride (CAS 68424-85-1)

Acute		
<i>Dermal</i>		
LD50	Rabbit	3412 mg/kg, ECHA
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	795 mg/kg, ECHA

Skin corrosion/irritation Not expected to be a primary skin irritant.

Exposure minutes Not available.

Erythema value Not available.

Oedema value Not available.

Serious eye damage/eye irritation Causes eye irritation.

Corneal opacity value Not available.

Iris lesion value Not available.

Conjunctival reddening value Not available.

Conjunctival oedema value Not available.

Recover days Not available.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization Not available.

Germ cell mutagenicity Not available.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not available.

Specific target organ toxicity - repeated exposure Not available.

Aspiration hazard Not an aspiration hazard.

Chronic effects Not available.

Further information Not available.

12. Ecological Information

Ecotoxicity See below

Ecotoxicological data

Components **Species** **Test Results**
 Alkyl (C12 40%; C14 50%; C16 10%) dimethyl benzyl ammonium chloride (CAS 68424-85-1)

Aquatic		
Fish	LC50	Striped bass (<i>Morone saxatilis</i>)
		10.4 - 19.1 mg/L, 96 hours

Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Mobility in general	Not available.
Other adverse effects	Not available.

13. Disposal Considerations

Disposal instructions	Review federal, provincial, and local government requirements prior to disposal.
Waste from residues / unused products	Not available.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

General	<p>Canada: TDG Proof of Classification: Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.</p> <p>Canada: TDG: Not regulated as dangerous goods.</p> <p>US: DOT: Not regulated as dangerous goods.</p> <p>IMDG: Not regulated as dangerous goods.</p> <p>IATA: Not regulated as dangerous goods.</p>
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15. Regulatory Information

US federal regulations	<p>This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</p> <p>This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.</p> <p>It is a violation of Federal law to use this product in a manner inconsistent with its labeling.</p> <p>EPA 67619-10</p> <p>PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS</p> <p>CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Avoid contact with foods.</p>
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	Not regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
SARA 302 Extremely hazardous substance	No
SARA 311/312 Hazardous chemical	No
SARA 313 (TRI reporting)	Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations See below

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

California Proposition 65

This product is not subject to warning labeling under the California Proposition 65 regulation.

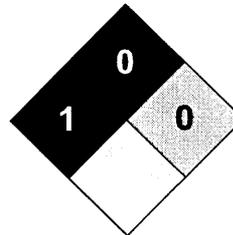
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	0
	0
PERSONAL PROTECTION	X



Disclaimer

The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date 26-July-2021

Version # 01

Further information Not available.

Other information For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Item: Not available

Reference Item: 238587.001

Prepared by: The Clorox Company, 4900 Johnson Drive, Pleasanton, CA 94588, 925-368-6000

Economical
Janitorial & Paper Supplies, LLC

**Clorox® Clean-Up® Disinfectant
Cleaner with Bleach**

Item# CX-35417



This powerful, one-step Clorox® Clean-Up Disinfectant Cleaner with Bleach cleans, disinfects, and removes stains. The fresh-smelling spray cleaner from Clorox Commercial Solutions® helps eliminate odors caused by bacteria, mold, and mildew. It's good for use in commercial facilities including offices, day-care centers, restaurants, and schools. Smart Tube technology reaches to the bottom of the bottle to help assure that all of the cleaner gets used.

Dilution: Ready To Use

Size: 32 oz.

Fragrance: Unscented

Container Type: Trigger Spray Bottle

Sold By: the Case (9 - 32 oz. Bottles)





SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name Clorox® Clean-Up® Cleaner + Bleach₁ - Original

Other means of identification

EPA Registration Number 5813-21

Recommended use of the chemical and restrictions on use

Recommended use Disinfecting bleach spray cleaner

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

The Clorox Company
1221 Broadway, Oakland, CA 94612
USA
Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies, call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2A

GHS Label elements, including precautionary statements

Emergency Overview

Signal word	Warning		
Hazard Statements			
Causes mild skin irritation			
Causes serious eye irritation			
			
Appearance	Clear, pale yellow	Physical State	Liquid
		Odor	Citrus, herbaceous, bleach

Precautionary Statements - Prevention

Wash hands and any exposed skin thoroughly after handling.
Wear eye protection/face protection such as safety glasses.

Precautionary Statements - Response

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin

If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

None

Hazards not otherwise classified (HNOC)

The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, or obstructive lung disease.

Unknown Toxicity

0.08% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Toxic to aquatic life with long lasting effects

Interactions with Other Chemicals

Reacts with other household chemicals such as products containing ammonia, toilet bowl cleaners, rust removers, or acids to produce hazardous gases, such as chlorine and other chlorinated compounds.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium hypochlorite	7681-52-9	1 - 5	*
Sodium hydroxide	1310-73-2	0.1 - 1	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures**

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor.
Inhalation	Move to fresh air. If breathing is affected, call a doctor.
Ingestion	Call a poison control center or doctor immediately. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor.
Protection of First-aiders	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Stinging and irritation of eyes.
--	----------------------------------

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with eyes, skin, and clothing. Use personal protective equipment as required.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions See Section 12 for ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products Products containing ammonia, toilet bowl cleaners, rust removers, or acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection	If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.
Skin and Body Protection	Wear protective gloves and protective clothing.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures	Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odor	Citrus, herbaceous, bleach
Appearance	Clear	Odor Threshold	No information available
Color	Pale yellow		
Property	Values	Remarks/ Method	
pH	12.4 - 12.8	None known	
Melting/freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	Not flammable	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
Upper flammability limit	No data available	None known	
Lower flammability limit	No data available	None known	
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	~1.03	None known	
Water Solubility	Soluble in water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive Properties	Not explosive		
Oxidizing Properties	No data available		
Other Information			
Softening Point	No data available		
VOC Content (%)	No data available		
Particle Size	No data available		
Particle Size Distribution	No data available		

10. STABILITY AND REACTIVITY

Reactivity

Reacts with other household chemicals such as products containing ammonia, toilet bowl cleaners, rust removers, or acids to produce hazardous gases, such as chlorine and other chlorinated compounds.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

Products containing ammonia, toilet bowl cleaners, rust removers, vinegar, or acids.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

- Inhalation** Exposure to vapor or mist may irritate respiratory tract.
- Eye Contact** May cause eye irritation.
- Skin Contact** Prolonged contact may cause irritation.
- Ingestion** Ingestion may cause irritation to mucous membranes and gastrointestinal tract, nausea, vomiting, and diarrhea.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite 7681-52-9	8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-
Sodium hydroxide 1310-73-2	-	1350 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

Reproductive Toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic Toxicity

Carcinogenic potential is unknown.

Target Organ Effects

Respiratory system, eyes, skin, gastrointestinal tract (GI).

Aspiration Hazard

No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT

NOT REGULATED

TDG

UN-No

UN3082

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class

9

Packing Group

III

Description

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT

ICAO

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IATA

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IMDG/IMO

UN-No	UN3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard Class	9
Packing Group	III
EmS No.	F-A, S-F
Marine Pollutant	Product is a marine pollutant according to the criteria set by IMDG/IMO
Description	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III, MARINE POLLUTANT

15. REGULATORY INFORMATION

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313
 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb			X
Sodium hydroxide 1310-73-2	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

WARNING: EYE AND SKIN IRRITANT. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Harmful if swallowed. For sensitive skin or prolonged use, wear gloves. Vapors may irritate. Avoid prolonged breathing of vapors. Use only in well ventilated areas. **Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease.**

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium hydroxide 1310-73-2	X	X	X	X	

International Regulations

Canada

WHMIS Hazard Class

D2B - Toxic materials



6. OTHER INFORMATION

NFPA Health Hazard 2 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 2 Flammability 0 Physical Hazard 0 Personal Protection B

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date New

Revision Note New

Reference 1086795/50546003.004

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Economical
Janitorial & Paper Supplies, LLC

Lysol Disinfectant Spray - Crisp Linen, 19 oz.

Item# REC-74828



This EPA-registered hospital disinfectant is highly effective against TB, MRSA and HIV-1 (AIDS virus). Additionally it's tuberculocidal, virucidal, fungicidal, bactericidal.

After cleaning and disinfecting, the formula helps prevent odors and the growth of mold and mildew. Because a hospital can be a hectic place, the convenient CFC-free aerosol can allows for a quick and easy application—a great tool for hospital cleaning services.

Effective against the Influenza A (H1N1) Virus that causes Swine Flu.

Sold By: a Case of 12 - 19 oz Cans



SAFETY DATA SHEET

Professional LYSOL® Disinfectant Spray - All Scents



HEALTH • HYGIENE • HOME

1. Product and company identification

Product name : Professional LYSOL® Disinfectant Spray - All Scents

Distributed by : Reckitt Benckiser (Canada) Inc.
1680 Tech Avenue, Unit #2
Mississauga, Ontario L4W 5S9
CANADA
Telephone: +1 905 283 7000

Reckitt Benckiser LLC.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225
+1 973 404 2600

Emergency telephone number (Medical) : 1-800-338-6167

Emergency telephone number (Transport) : 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

Website: : <http://www.rbnainfo.com>

Product use : Disinfectant.

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of USDOL Occupational Safety and Health Administration.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations, and shown in Section 15 of this SDS.

SDS # : D0224478 v15.0

Formulation # : 1178-172 (0175917 v1.0 & 0242193 v2.0) Crisp Linen
1338-015 (0175918 v1.0 & 0258756 v1.0) Spring Waterfall
1338-018 (0175934 v1.0) Green Apple / Green Apple Breeze
1338-021 (0175938 v1.0) Crisp Berry
1338-019 (0175919 v1.0) Country
1338-026 (0175929 v1.0) Country Morning Breeze
1338-017 (0172927 v1.0) Lemon Breeze
0175940 v2.0
0175933 v1.0

EPA ID No. : 777-99 (Retail), 777-99-675 (Professional)

DIN # : 02395614

UPC Code / Sizes : Tin plate steel cans.

Relevant identified uses of the substance or mixture and uses advised against

D0224478 v15.0

1. Product and company identification

Identified uses

Disinfectant. Consumer uses

2. Hazards identification

Classification of the substance or mixture : FLAMMABLE AEROSOLS - Category 2
 GASES UNDER PRESSURE - Compressed gas
 EYE IRRITATION - Category 2B

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes eye irritation.

Precautionary statements

General : Not applicable.

Prevention : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Wash thoroughly after handling. Pressurized container: Do not pierce or burn, even after use.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage : Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal : Not applicable.

Supplemental label elements : None known.

Hazards not otherwise classified : None known.

3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	%	CAS number
ethanol	30 - 60	64-17-5
butane	5 - 10	106-97-8
propane	1 - 5	74-98-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
irritation
watering
redness
- Inhalation** : Adverse symptoms may include the following:
respiratory tract irritation
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

D0224478 v15.0

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : Flammable aerosol. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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6. Accidental release measures

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

Conditions for safe storage, including any incompatibilities : Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Protect from sunlight. Eliminate all ignition sources. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

8. Exposure controls/personal protection

Control

Occupational exposure limits

Ingredient name	Exposure limits
ethanol	<p>ACGIH TLV (United States, 3/2018). STEL: 1000 ppm 15 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m³ 8 hours. NIOSH REL (United States, 10/2016). TWA: 1000 ppm 10 hours. TWA: 1900 mg/m³ 10 hours. OSHA PEL (United States, 5/2018). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m³ 8 hours.</p>
butane	<p>OSHA PEL 1989 (United States, 3/1989). TWA: 800 ppm 8 hours. TWA: 1900 mg/m³ 8 hours. NIOSH REL (United States, 10/2013). TWA: 800 ppm 10 hours. TWA: 1900 mg/m³ 10 hours. ACGIH TLV (United States, 6/2013). STEL: 1000 ppm 15 minutes.</p>

D0224478 v15.0

8. Exposure controls/personal protection

propane

OSHA PEL 1989 (United States, 3/1989).
 TWA: 1800 mg/m³ 8 hours.
 TWA: 1000 ppm 8 hours.
NIOSH REL (United States, 10/2016).
 TWA: 1000 ppm 10 hours.
 TWA: 1800 mg/m³ 10 hours.
OSHA PEL (United States, 5/2018).
 TWA: 1000 ppm 8 hours.
 TWA: 1800 mg/m³ 8 hours.
ACGIH TLV (United States, 3/2018). Oxygen Depletion [Asphyxiant].

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

D0224478 v15.0

9. Physical and chemical properties

Appearance

Physical state	: Liquid. [Aerosol.]
Color	: Clear.
Odor	: Fragrant.
Odor threshold	: Not available.
pH	: 10.5 to 11.8 [Conc. (% w/w): 100%]
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: 18.6°C (65.5°F)
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.8667 to 0.8967
Density	: 0.8667 to 0.8967 g/cm ³ [25°C (77°F)]
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

Aerosol product

Type of aerosol	: Spray
Heat of combustion	: 17.99 kJ/g
Ignition distance	: <45.72 cm

10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame).
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure	
ethanol butane Lysol® Brand Disinfectant Spray, All Scents (Aerosol)_D0224478_NA	LC50 Inhalation Vapor	Rat	124700 mg/m ³	4 hours	
	LD50 Oral	Rat	7 g/kg	-	
	LC50 Inhalation Vapor	Rat	658000 mg/m ³	4 hours	
	LC50 Inhalation Vapor	Rat	>2.12 mg/l	4 hours	
					Maximum attainable concentration
	LD50 Dermal LD50 Oral	Rat Rat	>5050 mg/kg >5050 mg/kg	- -	

Conclusion/Summary : Not classified. Harmful. * Information is based on toxicity test result of a similar product.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanol Lysol® Brand Disinfectant Spray, All Scents (Aerosol)_D0224478_NA	Eyes - Moderate irritant	Rabbit	-	0.066666667 minutes 100 milligrams	-
	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	100 microliters	-
	Skin - Mild irritant	Rabbit	-	400 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-
	Eyes - Cornea opacity	Rabbit	0	72 hours	4 days
	Skin - Primary dermal irritation index (PDII)	Rabbit	0	4 hours	72 hours

Conclusion/Summary

Skin : Non-irritant to skin. * Information is based on toxicity test result of a similar product.

Eyes : Moderately irritating to eyes. * Information is based on toxicity test result of a similar product.

Respiratory : Based on available data, the classification criteria are not met.

Sensitization

Product/ingredient name	Route of exposure	Species	Result
Lysol® Brand Disinfectant Spray, All Scents (Aerosol)_D0224478_NA	skin	Guinea pig	Not sensitizing

Conclusion/Summary

Skin : Non-sensitizer to skin. * Information is based on toxicity test result of a similar product.

Respiratory : Based on available data, the classification criteria are not met.

Mutagenicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

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11. Toxicological information

Carcinogenicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Classification

Product/ingredient name	OSHA	IARC	NTP
ethanol	-	1	-

Reproductive toxicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Teratogenicity

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Causes eye irritation.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
irritation
watering
redness
- Inhalation** : Adverse symptoms may include the following:
respiratory tract irritation
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

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11. Toxicological information

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
ethanol	7000	N/A	N/A	124.7	N/A
butane	N/A	N/A	N/A	658	N/A

12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
ethanol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 11000000 µg/l Marine water	Fish - Alburnus alburnus	96 hours
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 100 ul/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days

Conclusion/Summary : Based on available data, the classification criteria are not met.

Persistence and degradability

Conclusion/Summary : Based on available data, the classification criteria are not met.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
ethanol	-0.35	-	low
butane	2.89	-	low
propane	1.09	-	low

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12. Ecological information

Mobility in soil

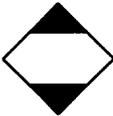
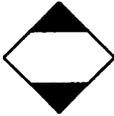
Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

14. Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	UN1950	UN1950	UN1950	UN1950
UN proper shipping name	Aerosols	AEROSOLS	AEROSOLS	Aerosols, flammable
Transport hazard class(es)	2.1 	2.1 	2.1 	2.1 
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

Additional information

DOT Classification : **Limited Quantity**

TDG Classification : **Limited Quantity**

IMDG : **Limited Quantity**

IATA : **See DG List**

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not available.

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15. Regulatory information

U.S. Federal regulations : **Clean Water Act (CWA) 311:** ammonia, anhydrous
Clean Air Act (CAA) 112 regulated flammable substances: butane; propane

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Ammonia	<0.1	Yes.	500	-	100	-

SARA 304 RQ : 343360.5 lbs / 155885.7 kg [46706 gal / 176801.3 L]

SARA 311/312

Classification : FLAMMABLE AEROSOLS - Category 2
 GASES UNDER PRESSURE - Compressed gas
 EYE IRRITATION - Category 2B

Composition/information on ingredients

Name	%	Classification
ethanol	30 - 60	FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A
butane	5 - 10	FLAMMABLE GASES - Category 1 GASES UNDER PRESSURE - Compressed gas
propane	1 - 5	FLAMMABLE GASES - Category 1 GASES UNDER PRESSURE - Compressed gas

State regulations

Massachusetts : The following components are listed: ETHYL ALCOHOL; DENATURED ALCOHOL; BUTANE; PROPANE

New York : None of the components are listed.

New Jersey : The following components are listed: ETHYL ALCOHOL; ALCOHOL; BUTANE; PROPANE

Pennsylvania : The following components are listed: DENATURED ALCOHOL; ETHANOL; BUTANE; PROPANE

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

Label elements

CCCR

Signal word : DANGER

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15. Regulatory information

- Hazard statements** : EXTREMELY FLAMMABLE.
CONTAINER MAY EXPLODE IF HEATED.
CONTENTS UNDER PRESSURE.
CONTAINER MAY EXPLODE IF HEATED CONTENTS MAY CATCH FIRE CAUSES
BURNS DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS
- Precautionary measures** : Keep out of reach of children. DO NOT use in presence of open flame or spark. Do not
puncture or incinerate container. Do not store
above the following temperature: 50C
Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any
object that sparks, such as an electric motor. Store away from heat. Handle with care.
Keep out of reach of children. Wear protective gloves and eye/face protection:
Chemical splash goggles or face shield. Use chemical-resistant, impervious gloves.
Wear appropriate respirator when ventilation is inadequate.

EPA

- Signal word:** : CAUTION
- Hazard statements** : FLAMMABLE: Contents under pressure.
Causes moderate eye irritation.

- Special Inert substance.** : No known significant effects or critical hazards.
- Precautionary measures** :

Keep out of the reach of children. Do not spray in eyes, on skin or on clothing. Wash
thoroughly with soap and water after handling and before eating, drinking, chewing gum,
using tobacco or using the toilet.
Keep away from heat, sparks and open flame. Do not puncture or incinerate container.
Exposure to temperatures above 130°F may cause bursting.

- Skin sensitizer** : No known significant effects or critical hazards.

Additional information / Recommendations

- Additional information** : Not applicable
- Recommendations** : No known significant effects or critical hazards.
- Recommendations** : No known significant effects or critical hazards.

16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	1
Flammability		4
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

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16. Other information

National Fire Protection Association (U.S.A.)



NFPA (30B) aerosol Flammability 1

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Date of issue : 9/21/2020
Date of previous issue : 23/01/2020
Version : 15
Prepared by : Reckitt Benckiser LLC.
Product Safety Department
1 Philips Parkway
Montvale, New Jersey 07646-1810 USA.
FAX: 201-476-7770

Revision comments : Addition of Professional products with EPA code.

▼ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



RB is a member of the CSPA Product Care Product Stewardship Program.

CL1001 TECHNICAL DATA SHEET

CLAIRE DISINFECTANT SPRAY Q COUNTRY FRESH



Claire Disinfectant Spray Q EPA Reg. No. 706-111 has demonstrated effectiveness against viruses similar to 2019 Novel Coronavirus (2019-nCoV) on hard non-porous surfaces. Therefore, Claire Disinfectant Spray Q can be used against 2019 Novel Coronavirus (2019-nCoV) when used in accordance with the directions for use against *Poliovirus type 1 on hard, non-porous surfaces.

Refer to the CDC website <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for additional information.

PRODUCT DESCRIPTION:

- Multisurface disinfectant on hard, non-porous surfaces
- Soft spot surface sanitizer
- Controls mold and mildew
- Eliminates odors
- Kills 99.9% Germs on hard non-porous surfaces
- Bactericidal, Antibacterial, Fungicidal, Virucidal*, Tuberculocidal

Kills the following bacteria, fungi and viruses* in 3 minutes on pre-cleaned hard, non-porous surfaces:

Bacteria: *Pseudomonas aeruginosa* (ATCC 15442), *Salmonella enterica* (ATCC 10708), *Staphylococcus aureus* (ATCC 6538), *Acinetobacter baumannii* Multi Drug Resistant (ATCC 19606), Carbapenem Resistant *Escherichia coli* (CDC 81371), Carbapenem Resistant *Klebsiella pneumoniae* (ATCC BAA-1705), *Enterobacter aerogenes* (ATCC 13048), *Enterococcus faecium* (ATCC 51559), *Escherichia coli* (ATCC 11229), *Klebsiella pneumonia* (ATCC 4352), *Listeria monocytogenes* (ATCC 19117), *Staphylococcus aureus*-MRSA (ATCC 33592), *Staphylococcus aureus*-CA-MRSA Genotype USA 300 (NARSA NRS 384), *Staphylococcus aureus*-CA-MRSA Genotype USA 400 (NARSA NRS 123), *Shigella dysenteriae* (ATCC 11835), *Streptococcus pyogenes* (ATCC 19615), *Staphylococcus aureus* -VISA (CDC HIP 5836), *Enterococcus faecalis* -VRE (ATCC 51575), *Campylobacter jejuni* (ATCC 29428).

Viruses*: *SARS-CoV-2 virus that may cause COVID-19, *Adenovirus Type 2 (VR-846), *Influenza A virus 2009 (H1N1) (Strain A/Mexico/4108/2009), *Influenza B virus (VR-823), *Human Immunodeficiency virus type 1 (HIV-1) (Strain HTLV-III_B), *Herpes simplex virus type 1 (VR-733), *Herpes simplex virus type 2 (VR-734), *Rotavirus (VR-2018), *Vaccinia virus (VR-119), *Rhinovirus type 37 (VR-1147).

Fungus: *Candida albicans* (ATCC 10231).

Kills (Tb) *Mycobacterium bovis* (ATCC 35743) in 10 minutes at 22.5°C on pre-cleaned hard, non-porous surfaces.

Kills *Poliovirus type 1 (VR-1562) in 5 minutes on pre-cleaned hard, non-porous surfaces.

Fungi: *Trichophyton interdigitale* (Athlete's Foot Fungus) (ATCC 9533) (10 minute contact time)

USE IN: Healthcare, schools, hotels, restaurants, commercial establishments, homes. For non-food application use on hard non-porous surfaces: Toilets[‡], sinks, showers, bathtubs, doorknobs, light switches, garbage cans, kitchen appliance surfaces[‡] and high touch surfaces. Sanitizes soft non-food contact surfaces as a spot treatment.

SPECS:

Can Size: 20 oz.
Net Weight: 17 oz.
Shipping Weight: 17 Lbs.
Packaged: 12 cans per case
UPC Number: 7 13014 11001 5
GTIN: 10713014610017
Material Number: 1000038686
Product Number: CL1001
Extender Tube: N

REGULATORY:

EPA Reg. No.: 706-111
Recyclable Package: Yes
VOC Compliant CARB: Yes
VOC Compliant OTC: Yes

PHYSICAL CHARACTERISTICS:

Appearance: Colorless
Fragrance: Aromatic
Shelf Life: 1 year +

‡ Allow surface to come to room temperature before using this product.

^ For use on exterior surfaces above the water line.

See label side panel for First Aid and additional Precautionary Statements
24 HOUR MEDICAL EMERGENCY NUMBER: 1-866-836-8855
KEEP OUT OF REACH OF CHILDREN
CONSULT SDS BEFORE USING

MADE IN THE
USA
WITH GLOBALLY
SOURCED
MATERIALS



PLEASE RECYCLE
WHEN EMPTY



Nonfood Compounds
C1



Claire Manufacturing Company
1000 Integram Drive | Pacific, MO 63069
800-252-4731 | www.clairemfg.com

Ver. 2022-02-10

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information: 1000038686

Product Identifier: CLAIRE DISINFECTANT SPRAY Q - COUNTRY FRESH SCENT EPA 706-111

Recommended Use: Disinfectant

Manufacturer/Importer/Distributor Information: PLZ Corp.
2651 WARRENVILLE RD, STE 300
DOWNERS GROVE, IL 60515

800-332-9000

Emergency Telephone: 1-800-424-9300

2. Hazard(s) identification

Classification

Aerosol, category 3
Eye Irritation, category 2A

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Warning

GHS HAZARD STATEMENTS

H229 Pressurized container: may burst if heated
H319 Causes serious eye irritation.

GHS PRECAUTIONARY STATEMENTS

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P264 Wash thoroughly after handling.
P280 Wear eye protection and face protection

Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

Disposal

None

Other Information

None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Ethanol	64-17-5	10-25
Diethylene Glycol Monobutyl Ether	112-34-5	10-25
Propane	74-98-6	2.5-10
Butane	106-97-8	1.0-2.5
EDTA Tetrasodium Salt	64-02-8	1.0-2.5

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: Other components are not hazardous or are below required disclosure limits.
The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention. Flush eyes with plenty of water for 15 minutes, while holding the eyelids apart. Check victim for contact lenses and remove if present. Get medical attention if irritation persists.

INHALATION: Move to fresh air.

INGESTION: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

IMPORTANT SYMPTOMS: May cause severe eye irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Pressurized container may explode when exposed to heat or flame.

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : No data available

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

7. Handling and Storage

HANDLING: Wear personal protective equipment.

SAFE HANDLING ADVICE: Observe good industrial hygiene practices.

STORAGE: No data available

NFPA 30B: Aerosol Level 1

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Ethanol	N.E.	1000 ppm	1000 ppm	N.E.
Diethylene Glycol Monobutyl Ether	10 ppm	N.E.	N.E.	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
EDTA Tetrasodium Salt	N.E.	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

ENGINEERING CONTROLS: Provide adequate ventilation.

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield. Chemical safety goggles should be worn where contact is possible.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

HYGIENIC PRACTICES: General industrial hygiene practice.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Colorless
Odor:	Flowery
Odor Threshold:	No data available
pH:	11.88-12.88
Freeze Point, °C:	No data available
Boiling Point, °C:	28
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Non-flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	1.9 - 25.0
Vapor Pressure @20°C, PSI:	74-94
Vapor Density:	No data available
Relative Density:	0.950
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Avoid heat or contamination

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.

EYE CONTACT EFFECTS: Contact may cause severe irritation with redness, tearing and pain.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

Carcinogenicity: contains 1 component (Ethanol) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	16,081 mg/kg
<u>ATE DERMAL</u>	19,183 mg/kg
<u>ATE INHALATION</u>	Not classified for acute toxicity based on available data.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64-17-5	Ethanol	10,470 mg/kg	17,100 mg/kg	124.7 mg/l
112-34-5	Diethylene Glycol Monobutyl Ether	2,410 mg/kg	2,764 mg/kg	100 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
64-02-8	EDTA Tetrasodium Salt	1,780 mg/kg	5,000 mg/kg	N.I.

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Serious Eye Damage & Irritation:

Product: No data available

Components:

Diethylene Glycol Monobutyl Ether	112-34-5	Causes serious eye irritation.
EDTA Tetrasodium Salt	64-02-8	Causes serious eye irritation.

Respiratory or Skin Sensitization:

Product: No data available

STOT-Single Exposure:

Product: No data available

STOT-Repeated Exposure:

Product: No data available

Aspiration Hazard:

Product: No data available

Carcinogenicity:

Product: No data available

Reproductive Toxicity:

Product: No data available

Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
Subsidiary Risk	N/A
Packing Group:	N/A

IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
Subsidiary Risk:	N/A
Packing Group:	N/A

IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
Subsidiary Risk:	N/A
Packing Group:	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.	Wt %
Diethylene Glycol Monobutyl Ether	112-34-5	11.00

CHEMICAL INVENTORY STATUS:

TSCA On or in compliance with the inventory

DSL This product contains ingredients listed on the NDSL.

The following components are listed on the Non-Domestic Substance List (NDSL)

<u>Description</u>	<u>CAS</u>	<u>Percentage</u>
3-methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol	67801-20-1	4.8E-06 %

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

No Proposition 65 chemicals present or warning required.

Further Information: FIFRA: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

16. Other Information

Revision Date: 10/3/2024

Datasheet produced by: Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

Further Information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.

Bio-Activator

NATURAL BIOLOGICAL ENZYME PRODUCING ODOR COUNTERACTANT CULTURES

IDEAL FOR USE IN:



PUBLIC RESTROOMS



KITCHENS



KENNELS



SEPTIC TANKS



DRAIN LINES



FABRIC SAFE

Bio-Activator contains a selection of specialized natural live bacteria strains, that will digest and degrade both human and animal waste matter with safe biological action while enhancing the performance of all waste systems. This biologically active deodorant also contains a powerful odor counteractant which DESTROYS malodors at their source.

Bio-Activator will clean more effectively than ordinary cleaning products and reduce your need for hazardous chemicals such as caustic, bleach, and acids.

It has been proven that with regular use of **Bio-Activator** your restrooms, toilets, sinks, urinals, showers, and drain lines will be cleaner than ever before. With the help of this product your waste systems will stay clean, trouble-free and odor-free.

Bio-Activator was field tested and proven to work in, and enhance the performance of marine waste systems.

Bio-Activator will keep your closed marine waste system or septic tanks working at peak performance.

Bio-Activator has been used to eliminate odors caused by floods. It is Ideal for deodorizing refrigerators and freezers.

DIRECTIONS:

Although this Bio-Activator is safe on most surfaces, be sure to pre-test before using.

BATHROOMS, URINALS, SINKS, KENNELS: Remove larger matter. Spray Bio-Activator on all surfaces to be cleaned, including inside, outside, and underside of urinals and sinks. Also spray area around urinals and bowl. No need to rinse. For mopping bathrooms use 8 oz per gallon of water.

CARPETS: Mix 10 to 1 with water. To remove pet odors from carpets, rugs or floor, simply pour or spray Bio-Activator directly on odor spot. Use a clean white cloth to blot out product. If the odor persists, repeat the procedure.

UPHOLSTERY: To remove musty odors from upholstered couches and chairs, simply mist the fabric with product.

CARPET MACHINES: To deodorize carpets, add 1/4 cup of Bio-Activator each time the solution tank is refilled.

LAUNDRY PRE-SPOTTER: Spray soiled or blood stained area prior to washing.

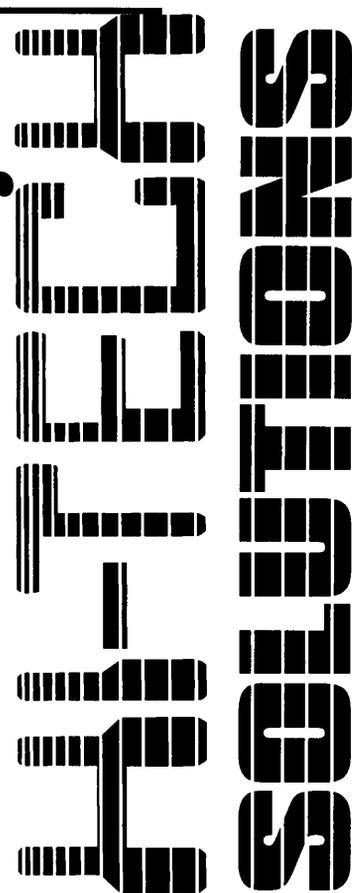
BOWL CLEANER: Use product daily as a toilet cleaner. Spray to adequately cover the interior surface of the toilet bowl. Leave Bio-Activator in the bowl for as long as possible or until the first flush. May also be sprayed around base and around seat hardware to help control odors. For heavy incrustations a bowl mop may be needed.

DEODORIZER: Physically remove as much of the source of malodor as possible. Follow this by spraying product directly on the source of odor.

DRAIN LINES AND SEPTIC TANKS, GREASE TRAPS: Add 1 quart for your initial treatment. There after use 8 oz. per week into grease trap or by flushing down commode.

BOAT AND RECREATIONAL VEHICLES: Add 2 oz. per gallon of water in holding tank. Then use one pint per week for maintenance. To maintain scuppers on marine vessels add product daily.

FLOOD CLEANING: Ideal for deodorizing refrigerators and freezers. Mix 10 to 12 oz. Per gallon of water.



SPECIFICATIONS:

Appearance.....MILK WHITE
Fragrance.....MILD
pH.....8
Flash Point.....NONE
Solvents.....NONE

AVAILABLE SCENTS:

Product	Code#
Mint	5999
Orange	5581
Melon	TG-5247
Cherry	5535
Lavender	5542
Cucumber-Melon	5TBD
Mango	5TBD
Red Clover Tea	5TBD

PAPER & JANITORIAL
SUPPLIES, INC.

Economical

(504) 464-7166

(800) 735-6745

1420-F SAM'S AVE

HARAHAN LA.70123

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Melon Bio Activator
 CHEMICAL FAMILY: Bacterial Enzyme Complex
 PRODUCT NUMBER: 5247

Distributor:
 ECONOMIC JANITORIAL & PAPER SUPPLIES, INC.
 1420-T SAMS AVENUE, HARAHAN, LA 70123 (504) 484-7166
 (800) -- 535-5053 INFO@TRAC

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category: 2A
 Signal Word: Warning
 Symbols:  Warning
 Hazard Statements:
 Causes Serious Eye Irritation

PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

SECTION 3: COMPOSITION

Chemical Name	%	P.A.S.#
Bacteria spore complex	1-5	Proprietary
Alcohol Ethoxylates	2-5	17087-87-0
water	70-80	7732-18-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
INGESTION	Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.
EYE CONTACT	Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
SKIN CONTACT	Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT	None
EXTINGUISHING MEDIA	As required by the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full-face breathing apparatus and full protective clothing.
UNUSUAL HAZARDS	None

SECTION 6: ACCIDENTAL RELEASE MEASURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS:	Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.
SMALL SPILLS:	Spill can be mopped up then flush contaminated area with plenty of water.
OTHER PRECAUTIONS:	Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to the above.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Bacteria spore complex	Not Available				
Alcohol Ethoxylates	Not Available				
water	Not Available				

RESPIRATORY PROTECTION

VENTILATION	Yes	Other PROTECTIVE MEASURES
PROTECTIVE GLOVES	Yes	Limit contact with skin. Wash hands thoroughly after use.
EYE PROTECTION	Yes	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Milky w/ sediment
ODOR	Melon
pH	7.5
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	>212° F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	8.5

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Extreme Temperatures
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	strong acids and oxidizers Co., CO.

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENIC	No
MTP	No
ARC MONOGRAPHS	No
OSHA REGULATED	No

May cause redness and irritation to eyes. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, defatting and dermatitis.

Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Bacteria spore complex	Not Available	Not Available	Not Available
Alcohol Ethoxylates	>1000 mg/kg	>2000 mg/kg	Not Available
water	Not Available	Not Available	Not Available

SECTION 14 TRANSPORT INFORMATION:

Non Hazardous
 Not Regulated

Date: June 1, 2015

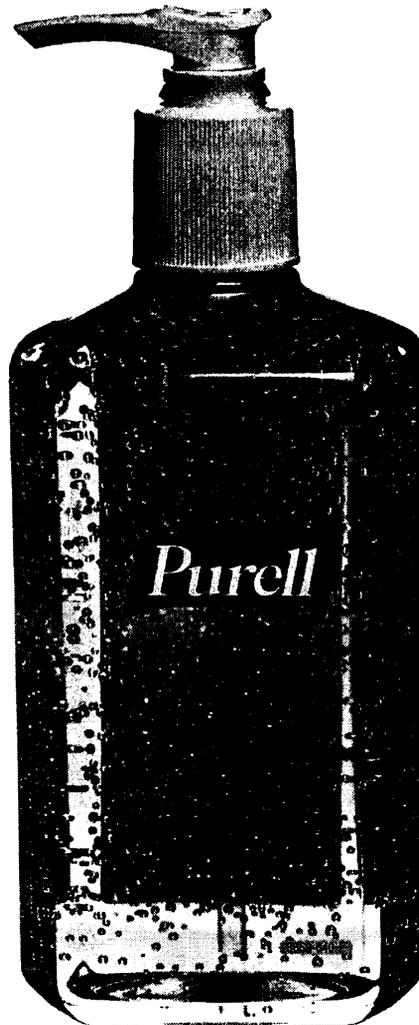
Manufacturer:
 TRANS GULF INDUSTRIES INC. PO Box 23809
 800 Humphreys St. Harahan, LA 70123
 (504) - 753-7865 or 1-800-725-7865
 www.gentyp.com



HEALTH
 FLAMMABILITY
 INSTABILITY/REACTIVITY
 0
 0
 0
 4 EYE/RESPIRATORY
 3 HARMFUL
 2 MODERATELY HARMFUL
 1 DANGEROUS

Economical
Janitorial & Paper Supplies, LLC

Gojo® Purell® Advanced Instant Hand Sanitizer
Item# GJ-3659-12



America's #1 instant hand sanitizer delivers advanced antimicrobial germ kill while being very kind to the skin. Purell® Advanced Instant Hand Sanitizer kills more than 99.99% of most common germs. This alcohol-based hand sanitizer works in as little as 15 seconds, with no water or towels needed. Provides unprecedented germ kill while soothing hands and maintaining skin health.

Active Ingredient: Ethyl Alcohol
Scent: Unscented
Size: 12 ounces
Sold By: the Case of 12 bottles




PURELL® Advanced Hand Sanitizer Gel

Version 1.1

SDS Number: 40000000422

Revision Date: 08/02/2020

SECTION 1. IDENTIFICATION

Product name : PURELL® Advanced Hand Sanitizer Gel

Manufacturer or supplier's details

Company name of supplier : GOJO Industries, Inc.
 Address : One GOJO Plaza, Suite 500
 Akron, Ohio 44311
 Telephone : 1 (330) 255-6000
 Emergency telephone : CHEMTREC 1-800-424-9300
 number : CHEMTREC +1-703-527-3887: Outside USA & CANADA

Recommended use of the chemical and restrictions on use

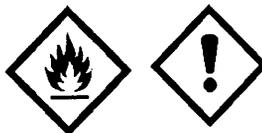
Recommended use : Hand Sanitizer
 Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

SECTION 2. HAZARDS IDENTIFICATION
GHS Classification

Flammable liquids : Category 3
 Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning
 Hazard statements : H226 Flammable liquid and vapour.
 H319 Causes serious eye irritation.
 Precautionary statements : **Prevention:**
 P210 Keep away from heat/sparks/open flames/hot surfaces. -
 No smoking.
 P233 Keep container tightly closed.



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P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>= 60 - < 70
Isopropyl Alcohol	67-63-0	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
 When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : If inhaled, remove to fresh air.
 If symptoms persist, call a physician.
- In case of skin contact : Wash with water and soap as a precaution.
 Get medical attention if irritation develops and persists.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
 If easy to do, remove contact lens, if worn.
 Seek medical advice.
- If swallowed : If swallowed, DO NOT induce vomiting.
 Rinse mouth with water.
 Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.
- Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing


PURELL® Advanced Hand Sanitizer Gel

Version 1.1

SDS Number: 400000000422

Revision Date: 08/02/2020

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Cool closed containers exposed to fire with water spray.
Flash back possible over considerable distance.
May form explosive mixtures in air.
Exposure to decomposition products may be a hazard to health.
Carbon oxides
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.
- Environmental precautions : Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Non-sparking tools should be used.
Soak up with inert absorbent material.
Suppress (knock down) gases/vapours/mists with a water spray jet.
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE


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Version 1.1

SDS Number: 400000000422

Revision Date: 08/02/2020

- Advice on safe handling : For personal protection see section 8.
Keep away from heat.
Use with local exhaust ventilation.
Avoid contact with eyes.
- Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.
Keep in properly labelled containers.
Keep container tightly closed in a dry and well-ventilated place.
Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Isopropyl Alcohol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	NIOSH REL
		ST	500 ppm 1,225 mg/m ³	NIOSH REL
		TWA	400 ppm 980 mg/m ³	OSHA Z-1

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Isopropyl Alcohol	67-63-0	Acetone	Urine	End of shift at end of workweek	40 mg/l	ACGIH BEI

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
- Remarks : No special protective equipment required.
- Eye protection : Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : No special measures necessary provided product is used correctly.
- Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Ensure that eye flushing systems and safety showers are located close to the working place.

**PURELL® Advanced Hand Sanitizer Gel**

Version 1.1

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : clear, colourless, light yellow
Odour : citrus
Odour Threshold : No data available

pH : 6.5 - 8.5

Melting point/freezing point : No data available
Boiling point/boiling range : 70.00 °C

Flash point : 25.00 °C

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) :

Upper explosion limit : No data available
Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Density : 0.8743 g/cm³

Solubility(ies)
Water solubility : soluble

Partition coefficient: n-octanol/water : Not applicable
Auto-ignition temperature : not determined

Thermal decomposition : The substance or mixture is not classified self-reactive.

Viscosity
Viscosity, kinematic : 3500 - 23000 mm²/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.
Chemical stability : Stable under normal conditions.


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Possibility of hazardous reactions : Vapours may form explosive mixture with air.
 Conditions to avoid : Heat, flames and sparks.
 Incompatible materials : Oxidizing agents
 Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure

Inhalation
 Skin contact
 Eye contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
 Method: Calculation method

Components:
Ethyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 124.7 mg/l
 Exposure time: 4 h
 Test atmosphere: vapour

Isopropyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 72.6 mg/l
 Exposure time: 4 h
 Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:
Ethyl Alcohol:

Species: Rabbit
 Method: OECD Test Guideline 404
 Result: No skin irritation

Isopropyl Alcohol:

Species: Rabbit
 Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.


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Components:
Ethyl Alcohol:

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

Isopropyl Alcohol:

Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components:
Ethyl Alcohol:

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse

Result: negative

Isopropyl Alcohol:

Test Type: Buehler Test

Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Germ cell mutagenicity

Not classified based on available information.

Components:
Ethyl Alcohol:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)
Test species: Mouse
Application Route: Ingestion
Result: negative

Isopropyl Alcohol:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo
cytogenetic assay)
Test species: Mouse
Application Route: Intraperitoneal injection
Result: negative

Carcinogenicity

Not classified based on available information.


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Revision Date: 08/02/2020

Components:
Isopropyl Alcohol:

Species: Rat
 Application Route: inhalation (vapour)
 Exposure time: 104 weeks
 Method: OECD Test Guideline 451
 Result: negative

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Components:
Ethyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study
 Species: Mouse
 Application Route: Ingestion
 Method: OECD Test Guideline 416
 Result: negative

Isopropyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study
 Species: Rat
 Application Route: Ingestion
 Result: negative

Effects on foetal development : Test Type: Embryo-foetal development
 Species: Rat
 Application Route: Ingestion
 Result: negative

STOT - single exposure

Not classified based on available information.

Components:
Isopropyl Alcohol:

Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity
Components:


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SDS Number: 400000000422

Revision Date: 08/02/2020

Ethyl Alcohol:

Species: Rat
 NOAEL: 2,400 mg/kg
 Application Route: Ingestion
 Exposure time: 2 y

Isopropyl Alcohol:

Species: Rat
 NOAEL: 5000 ppm
 Application Route: inhalation (vapour)
 Exposure time: 104 w
 Method: OECD Test Guideline 413

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION
Ecotoxicity
Components:
Ethyl Alcohol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
 Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
 Exposure time: 72 h
 Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates : NOEC (Daphnia magna (Water flea)): 9.6 mg/l
 Exposure time: 9 d
 (Chronic toxicity)

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l
 Exposure time: 0.25 h

Isopropyl Alcohol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
 Exposure time: 24 h

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,050 mg/l
 Exposure time: 16 h

Persistence and degradability
Components:
Ethyl Alcohol:

Biodegradability : Result: Readily biodegradable.
 Biodegradation: 84 %

**PURELL® Advanced Hand Sanitizer Gel**

Version 1.1

SDS Number: 400000000422

Revision Date: 08/02/2020

Exposure time: 20 d

Isopropyl Alcohol:

Biodegradability : Result: rapidly degradable

Bioaccumulative potential**Components:****Ethyl Alcohol:**

Partition coefficient: n-octanol/water : log Pow: -0.35

Isopropyl Alcohol:

Partition coefficient: n-octanol/water : log Pow: 0.05

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.
 Contaminated packaging : Dispose of as unused product.
 Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION**International Regulation****IATA-DGR**

UN/ID No. : UN 1987
 Proper shipping name : Alcohols, n.o.s.
 (Ethanol, Propan-2-ol)

Class : 3
 Packing group : III
 Packing instruction (cargo aircraft) : 366
 Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 1987


PURELL® Advanced Hand Sanitizer Gel

Version 1.1

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Revision Date: 08/02/2020

Proper shipping name : ALCOHOLS, N.O.S.
(Ethanol, Propan-2-ol)
Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no

National Regulations
49 CFR

UN/ID/NA number : UN 1987
Proper shipping name : Alcohols, n.o.s.
Class : 3
Packing group : III
ERG Code : 127
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION
EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Isopropyl Alcohol	67-63-0	3.4086 %
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Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM/ Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol	64-17-5	65.2821 %
Isopropyl Alcohol	67-63-0	3.4086 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

California Prop 65 This product does not require a warning label under California Proposition 65.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

CH INV : On the inventory, or in compliance with the inventory

AICS : On the inventory, or in compliance with the inventory


PURELL® Advanced Hand Sanitizer Gel

Version 1.1

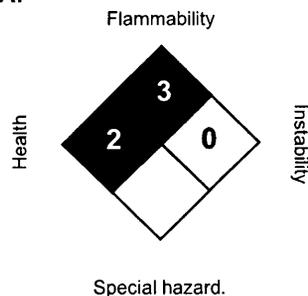
SDS Number: 400000000422

Revision Date: 08/02/2020

DSL	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION
Further information
NFPA:

HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Revision Date : 08/02/2020

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



PRODUCT INFORMATION

Formula 056

62% ALCOHOL HAND SANITIZER GEL

62% Alcohol Hand Sanitizer Gel is ideal to use when soap and water are not available. Formulated with 62% Ethyl Alcohol, this crystal clear gel kills 99.9% of common germs within 15 seconds. The thick formula won't run off hands, and meets CDC recommendations for the highest hand antiseptics. Enhanced with moisturizers, it doesn't over-dry skin. No dye or fragrance.

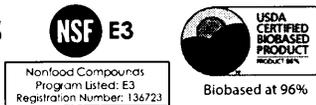
Features and Benefits

- Fast-acting alcohol hand sanitizer gel
- E3, no water or rinsing needed, just rub in and let dry.
- 62% Ethyl alcohol kills 99.9% of common germs within 15 seconds
- Meets CDC recommendations for highest hand antiseptics
- Contains moisturizers to help reduce skin dryness
- USDA BioPreferred™ – 96% BioBased content
- No added dye or fragrance
- NSF E3 rated

Directions for Use

Hands should be cleansed of visible soils with soap and water first. Apply small amount of product, rubbing hands thoroughly with product until dry. No rinsing needed.

Certifications



Chemical and Physical Properties

Product Type	..... Gel
Color	..... None
Clarity	..... Clear
Fragrance	..... Alcohol
pH (as is) 25°C	..... 7.5 Typical
Freeze Thaw Stable	..... Yes (3 cycles)
Active Ingredient	..... 62% Ethyl Alcohol
% Surfactants	..... 0%
Viscosity at 25°C	..... 70,000 CPS Typical
CA prop 65 compliant	..... Yes

Market Segments

General Office/Restrooms

- Public Facilities
- Offices and Retail

Education

- K-12/Colleges/Universities
- Daycare

Healthcare

- Doctor's/Dentist's Offices
- Hospitals and Nursing Homes

Food Service/Food Processing

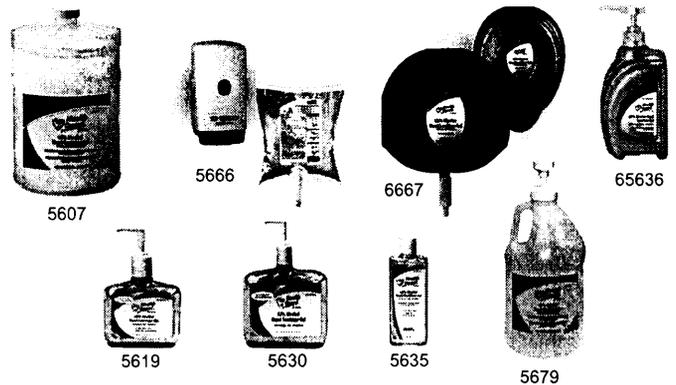
Sports/Hospitality/Leisure

- Hotels/Casinos
- Stadiums/Arenas
- Fitness Facilities



Ingredients

Active ingredient: 62% Ethyl Alcohol v/v
 Inactive ingredients: Water, Glycerin, Propylene Glycol, Isopropyl Myristate, Aloe Barbadensis Leaf Juice, Tocopheryl Acetate (Vitamin E), Carbomer, Aminomethyl Propanol.



ITEM #	DESCRIPTION	DISPENSER	SIZE	PACK
5607	62% Alcohol Hand Sanitizer Gel	Flat Top Gallon	1 Gallon	4
5619	62% Alcohol Hand Sanitizer Gel	Pump Bottle	8 oz	12
5630	62% Alcohol Hand Sanitizer Gel	Pump Bottle	16 oz	12
5635	62% Alcohol Hand Sanitizer Gel	Squeeze Bottle	4 oz	24
5666	62% Alcohol Hand Sanitizer Gel	Boxless Bag	800 mL	12
5679	62% Alcohol Hand Sanitizer Gel	Pump Bottle	64 oz	4
6667	62% Alcohol Hand Sanitizer Gel	DuraView*	2000 mL	4
65636	62% Alcohol Hand Sanitizer Gel	Clean Shape*	1000 mL	8

Manufactured in the USA in a LEED® Silver Certified facility.

LEED and the related logo is a trademark owned by the U.S. Green Building Council and is used with permission.



KUTOL Products Co. / 100 Partnership Way / Cincinnati, OH 45241 / 513-527-5500 / 800-543-4641 / www.kutol.com

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name : 62% ALCOHOL HAND SANITIZER GEL
Product Codes : 5607, 5619, 5630, 5635, 5666, 5679, 6667, 65636
Recommended use : Hand sanitizer
Product dilution information : Product is sold ready to use.
Company : Kutol Products Company
100 Partnership Way
Sharonville, OH 45241-1571
1-800-543-4641
Chemtrec Phone : 1-800-424-9300
Issuing date : 01/23/2015

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification

Flammable liquids : Category 3
Eye irritation : Category 2B

GHS Label Element :
Hazards pictograms



Signal Word : Warning
Hazard Statements : Flammable liquid and vapor.
Causes eye irritation.

Precautionary Statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed
Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:
Store in a well-ventilated place. Keep cool.
Disposal:
Dispose of contents/container to an approved waste disposal plant.

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Concentration (%)</u>
ETHANOL	64-17-5	65- 70
PROPYLENE GLYCOL	57-55-6	0 - 5

SECTION 4 – FIRST AID MEASURES

In case of eye contact : Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.

In case of skin contact : If irritation persists, wash with water.

If ingested : Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary.

Notes to physicians : Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet.

Specific hazards during firefighting : Fire Hazard.
Keep away from heat sources of ignition.
Flash back possible over considerable distance.
Beware of vapors accumulating to form explosive concentrations.
Vapors can accumulate in low areas.

Hazardous combustions products : Carbon oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Section 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods of cleaning up : Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (e.g., sand earth, diatomaceous earth, vermiculite) and place in container for disposal according to local, state, and federal regulations (See Section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 7 – HANDLING AND STORAGE

- Handling : Avoid contact with eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.
- Storage : Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
- Storage temperature : 0 degree C to 45 degree C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters.

<u>Ingredients</u>	<u>CAS-No.</u>	<u>Form of Exposure</u>	<u>Permissible Concentration</u>	<u>Basis</u>
ETHANOL	64-17-5	TWA	1000 ppm	ACGIH STEL
ETHANOL	64-17-5	TWA	1900 mg/m3	OSHA
PROPYLENE GLYCOL	57-55-6	TWA	10 mg/m3	NIOSH

- Engineering measures : Good general ventilation should be sufficient to control workers exposure to airborne contamination.

Personal protection

- Eyes : Eye protection should be used when splashing may occur.
- Hands : No protective equipment is needed under normal use.
- Skin : No protective equipment is needed under normal use.
- Respiratory : No protective equipment is needed under normal use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear gel
Odor: Alcoholic odor
Odor Threshold: No data available
ph: 7.5 typical
Melting point/freezing point: N/A
Initial boiling and boiling range: N/A
Flash point: 77 F; 25 C
Evaporation rate: <1
Flammability (solid, gas): No data available

Upper/lower flammability limits: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density: No data available.
Solubility (ies): No data available.
Partition coefficient: n-octanol/water: No data available.
Auto ignition temperature: N/A
Decomposition temperature: No data available.
Viscosity: 70,000 CPS @ 77 F; 25 C

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 10 – STABILITY AND REACTIVITY

Stability : The product is stable under normal conditions.
Possibility of hazardous reactions : No dangerous reaction is known under conditions of normal use.
Conditions to avoid : Heat, flames, and sparks.
Incompatible materials : None known.
Hazardous decomposition products : Carbon oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routines of exposure : Inhalation, eye contact, skin contact.

Potential Health Effects

Eyes : Cause of irritation.
Skin : Health injuries are not known or expected under normal use.
Ingestion : Health injuries are not known or expected under normal use.
Inhalation : Health injuries are not known or expected under normal use.
Chronic exposure : Health injuries are not known or expected under normal use.

Experience with Human Exposure

Eye contact : Redness, irritation.
Skin contact : No symptoms known or expected.
Ingestion : No symptoms known or expected.
Inhalation : No symptoms known or expected.

Toxicity

Acute oral toxicity : Acute toxicity estimate: >5,000 mg/kg
Acute inhalation toxicity : No data available
Acute dermal toxicity : Acute toxicity estimate: >5,000 mg/kg
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : Mild eye irritation.
Respiratory or skin sensitization : No data available.

Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
OSHA : No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 12 – ECOLOGICAL INFORMATION

- Ecological Tests : Data is not available.
- Environmental Impact : The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

SECTION 13 – DISPOSAL CONSIDERATIONS

- Disposal methods : The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
- Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.
- RCRA – Resource Conservation and Recovery Act : D001 (Ignitable)

SECTION 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	None	CONSUMER COMMODITY	ORM-D	None
IATA (Air)	ID8000	CONSUMER COMMODITY	9	N/A
IMDG (Vessel)	Un1170	ETHANOL SOLUTION	3	III, LTD QTY

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

SECTION 15 – REGULATORY INFORMATION

U.S. Federal regulations

TSCA (Toxic Substances Control Act): : All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory.

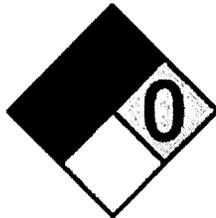
CERCLA (Comprehensive Response Compensation, and Liability Act) : Not Determined

SARA Title III (Superfund Amendments and Reauthorization Act) : None

SARA 313 Reportable Ingredients : Fire Hazard
Acute Health Hazard

SECTION 16 - OTHER INFORMATION

NFPA 704:



HMIS III:

	1
	3
PHYSICAL HAZARDS	0

Issuing date : 1/20/2015

Version : 1.0

Prepared by : Regulatory Compliance

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Customer Service: 1-888-GO-BETCO
Equipment Tech Support 1-877-856-5954
8AM - 5:30PM EST, Monday - Friday

Advanced Alcohol Gel Sanitizer



Fast Drying, Lightly Fragranced Gel Sanitizer

Advanced Alcohol Gel Sanitizer with >99.999% reduction of broad spectrum germs in 15 seconds.

Features

Evaporates quickly with no sticky residue.
>99.999% reduction of broad spectrum germs in 15 seconds.
Moisturizes and conditions skin.

Available In

- * 4 - 1 Gal. Bottles Item #79604-00
- 6 - 1000 mL Clario Bags Item #79629-00
- 55 Gal. Drum Item #79655-00
- 12 - 500 mL Pump Bottles/Case Item #796E9-00

Directions for Use

Dispense two pumps of product onto palm of hand and rub thoroughly over all surfaces of both hands until dry.

Tech Specs

Active Ingredient	70% Ethyl Alcohol
Efficacy	>99.999% reduction in 15 seconds
Color	Clear
Fragrance	Light and Fresh
Emollients/Conditioners	Glycerine, Aloe Barbadosensis
Viscosity	15,000 - 25,000 centipoise
Freeze/thaw stability	3 cycles
Expiration	3 years
NDC Code	65601-801

SAFETY DATA SHEET



Advanced Alcohol Gel Sanitizer

Section 1. Identification

GHS product identifier : Advanced Alcohol Gel Sanitizer
Product code : 796
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses	
Hand Sanitizer This is a personal care, cosmetic, or drug product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and drug products, specifically defined by regulations, are exempt from the requirements of a SDS for the consumer. This SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposure such as large spills.	
Uses advised against	Reason
For Industrial and Institutional Use Only	-

Supplier's details : Betco Corporation
400 Van Camp Road
Bowling Green, Ohio 43402
www.betco.com
888-462-3826

Emergency telephone number (with hours of operation) : Chemtrec (800) 424-9300 24 hour

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 2
EYE IRRITATION - Category 2A

GHS label elements

Hazard pictograms :



Signal word : Danger
Hazard statements : Highly flammable liquid and vapor.
Causes serious eye irritation.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Wash hands thoroughly after handling.

Section 2. Hazards identification

Response	: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage	: Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Other means of identification	: Not available.

Ingredient name	%	CAS number
ethanol	≥62 - ≤75	64-17-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: Causes serious eye irritation.
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Section 4. First aid measures

- Inhalation** : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
 pain or irritation
 watering
 redness
- Inhalation** : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

Specific hazards arising from the chemical : Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Section 6. Accidental release measures

- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
ethanol	<p>ACGIH TLV (United States, 3/2018). STEL: 1000 ppm 15 minutes.</p> <p>OSHA PEL 1989 (United States, 3/1989). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m³ 8 hours.</p> <p>NIOSH REL (United States, 10/2016). TWA: 1000 ppm 10 hours. TWA: 1900 mg/m³ 10 hours.</p> <p>OSHA PEL (United States, 5/2018). TWA: 1000 ppm 8 hours. TWA: 1900 mg/m³ 8 hours.</p>

Appropriate engineering controls : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.
Color : Clear.
Odor : Alcohol-like.
Odor threshold : Not available.
pH : 6 to 8
Melting point : Not available.
Boiling point : Not available.
Flash point : Closed cup: <21.67°C (<71°F) [Setaflash.]
Evaporation rate : Not available.
Flammability (solid, gas) : Not available.
Lower and upper explosive (flammable) limits : Not available.
Vapor pressure : Not available.
Vapor density : Not available.
Relative density : 0.8865
Solubility : Easily soluble in the following materials: cold water.
Soluble in the following materials: hot water.
Solubility in water : Not available.
Partition coefficient: n-octanol/water : Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Flow time (ISO 2431) : Not available.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials : Not available.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	0.066666667 minutes 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	100 microliters	-
	Eyes - Severe irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	400 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
ethanol	-	1	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Section 11. Toxicological information

- Inhalation** : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Long term exposure

- Potential immediate effects** : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

- General** : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
ethanol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 42000 µg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 100 ul/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.375 ul/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
ethanol	-0.35	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	UN1993	UN1993	UN1993	UN1993	UN1993	UN1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ethanol)					

Section 14. Transport information

Transport hazard class(es)	3 	3 	3 	3 	3 	3 
Packing group	II	II	II	II	II	II
Environmental hazards	No.	No.	No.	No.	No.	No.

Additional information

DOT Classification : **Limited quantity** Yes.

TDG Classification : Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).

ADR/RID : **Special provisions** 640 (C)
Tunnel code (D/E)

IMDG : **Limited quantity** Yes.

IATA : **Limited quantity** Yes.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 8(a) PAIR:** 2-(4-tert-butylbenzyl)propionaldehyde; Poly(oxy-1,2-ethanediyl), α -[4-(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy-; α -hexylcinnamaldehyde
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
Clean Water Act (CWA) 311: cyclohexane; propylene oxide

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Section 15. Regulatory information

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
propylene oxide	<0.1	Yes.	10000	1444.3	100	14.4
ethylene oxide	<0.1	Yes.	1000	-	10	-

SARA 304 RQ : 57142857.1 lbs / 25942857.1 kg [7730826.6 gal / 29264362.3 L]

SARA 311/312

Classification : FLAMMABLE LIQUIDS - Category 2
EYE IRRITATION - Category 2A

Composition/information on ingredients

Name	%	Classification
ethanol	≥62 - ≤75	FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A

State regulations

Massachusetts : The following components are listed: ETHYL ALCOHOL; DENATURED ALCOHOL; GLYCERINE MIST

New York : None of the components are listed.

New Jersey : The following components are listed: ETHYL ALCOHOL; ALCOHOL; GLYCERIN; 1,2,3-PROPANETRIOL

Pennsylvania : The following components are listed: DENATURED ALCOHOL; ETHANOL; 1,2,3-PROPANETRIOL

California Prop. 65

⚠ WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Propylene oxide and beta-Myrcene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Propylene oxide	-	-
beta-Myrcene	-	-
Ethylene oxide	Yes.	Yes.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : Not determined.

Section 15. Regulatory information

Canada	: All components are listed or exempted.
China	: Not determined.
Europe	: Not determined.
Japan	: Japan inventory (ENCS) : Not determined. Japan inventory (ISHL) : Not determined.
Malaysia	: Not determined
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	2
Flammability	3
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A	On basis of test data Calculation method

Section 16. Other information

History

Date of printing : 6/8/2022
Date of issue/Date of revision : 6/8/2022
Date of previous issue : 6/8/2022
Version : 2.02

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

References : Not available.

▣ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

AMBITEX® Powder Free Latex Gloves



L5201 Series

- Resists many acids, alkalis and other chemicals¹
- Natural fit and comfort
- Textured surface for improved grip



AMBITEX®
• • • •

Length	Protection	
	Select	Performance
Wrist		● L5201 Series
Forearm		

AMBITEX® Powder Free Latex Gloves



Cream



Standard Length



Beaded Cuff



Single Use Only



Powder Free



Food Safe

PRODUCT SPECIFICATIONS

Dimensions (mm)	Palm Width	Length
Extra Small	80 ± 5	Min. 230
Small	85 ± 5	Min. 230
Medium	95 ± 5	Min. 230
Large	110 ± 5	Min. 230
Extra Large	120 ± 5	Min. 230

Physical Properties	Before Aging	After Aging
Tensile Strength (MPa)	Min. 14	Min. 14
Ultimate Elongation (%)	Min. 650	Min. 500
Freedom from holes	AQL 2.5	N/A

Thickness	mm
Palm	0.10 ± 0.02
Cuff	0.07 ± 0.02
Finger	0.11 ± 0.02

Certification(s): Manufactured in an ISO 9001 certified facility.³
Complies with 21 CFR parts 170-199 for use in contact with food.⁴

1 mm = 39.3700787 mils

PACKAGING

Item #	Size	Packaging Dimensions		Barcodes	
		Inner	Master	Inner	Master
100 gloves/box • 10 boxes/case					
LXS5201	XS	8.7x4.5x2.6"	13.8x9.3x8.9"	6-99320-15201-0	10-699320-15201-7
LSM5201	SM	8.7x4.5x2.6"	13.8x9.3x8.9"	6-99320-15202-7	10-699320-15202-4
LMD5201	MD	8.7x4.5x2.6"	13.8x9.3x8.9"	6-99320-15203-4	10-699320-15203-1
LLG5201	LG	8.7x4.5x2.6"	13.8x9.3x8.9"	6-99320-15204-1	10-699320-15204-8
LXL5201	XL	8.7x4.5x2.6"	13.8x9.3x8.9"	6-99320-15205-8	10-699320-15205-5
100 gloves/box • 4 boxes/case					
LSM5201/4	SM	N/A	10.9x4.7x8.9"	N/A	40-699320-15202-5
LMD5201/4	MD	N/A	10.9x4.7x8.9"	N/A	40-699320-15203-2
LLG5201/4	LG	N/A	10.9x4.7x8.9"	N/A	40-699320-15204-9
LXL5201/4	XL	N/A	10.9x4.7x8.9"	N/A	40-699320-15205-6

Storage Instructions: Store in a cool, dry place. Avoid exposure to sunlight.

Caution: This product contains natural rubber latex which may cause allergic reactions.

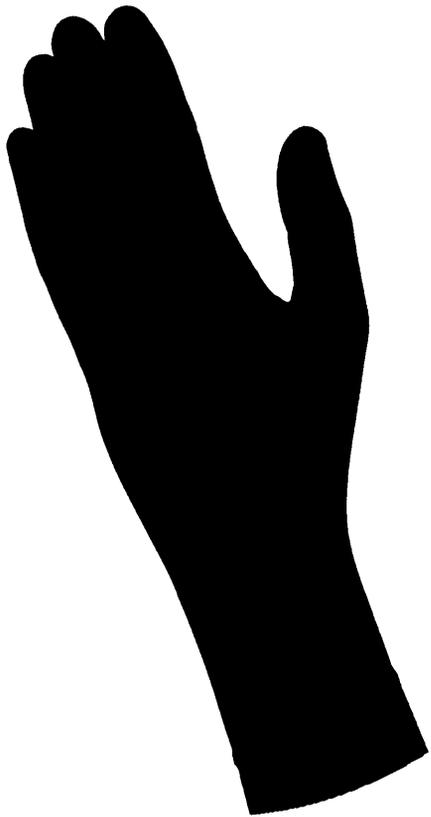
To request samples or for the name of an AMBITEX® distributor in your area, call 800-GLOVES-0 (456-8370).

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See our full line of products at www.ambitex.com

AMBITEX®
••••

AMBITEX[®] SoftStretch[®] Blue Powder Free Nitrile Gloves



N4201 Series

Lightly textured at the fingertips for added grip
Soft and light, enabling increased sensitivity*
Reduced packaging waste with 100 ct. box
Not made with natural rubber latex



AMBITEX[®]
A Tradex Brand ● ● ● ●

		Protection	
AMBITEX	Select	Performance	Exp
Wrist	● N4201 Series		
Forearm			

AMBITEX

SoftStretch

Blue Powder Free Nitrile Gloves



Blue



Textured Surface



Powder Free



Not Made with Natural Rubber Latex



Standard Length



Food Safe



Beaded Cuff



Single Use Only



Non-Sterile

PRODUCT SPECIFICATIONS

Dimensions (mm)	Palm Width	Length
Small	85 ± 5	Min. 220
Medium	95 ± 5	Min. 230
Large	105 ± 5	Min. 230
Extra Large	115 ± 5	Min. 230

Physical Properties	Before Aging	After Aging
Tensile Strength (MPa)	Min. 19	Min. 23
Ultimate Elongation (%)	Min. 500	Min. 500
Freedom from holes	AQL 4.0	AQL 4.0

Thickness	Mil	mm
Palm	3	0.07 ± 0.02
Cuff	2	0.06 ± 0.02
Finger	4	0.09 ± 0.02

1 mm = 39.3700787 mils

Certification(s): Manufactured in an ISO 9001 certified facility. Complies with 21 CFR parts 170-199 for use in contact with food. ¹

PACKAGING

Item #	Size	Packaging Dimensions		Barcodes		
		Inner	Master	Dispenser	Master	
100 gloves/box • 10 boxes/case						
NSM4201	SM	9.65x5.04x3.15"	16.15x10.48x10.04"	6-99320-45222-6	10-699320-45222-3	
NMD4201	MD	9.65x5.04x3.15"	16.15x10.48x10.04"	6-99320-45223-3	10-699320-45223-0	
NLG4201	LG	9.65x5.04x3.15"	16.15x10.48x10.04"	6-99320-45224-0	10-699320-45224-7	
NXL4201	XL	9.65x5.04x3.15"	16.15x10.48x10.04"	6-99320-45225-7	10-699320-45225-4	

Storage Instructions: Store in a cool, dry place. Avoid exposure to sunlight.

To request samples or for the name of an AMBITEX distributor in your area, call 800-GLOVES-0 (456-8370).

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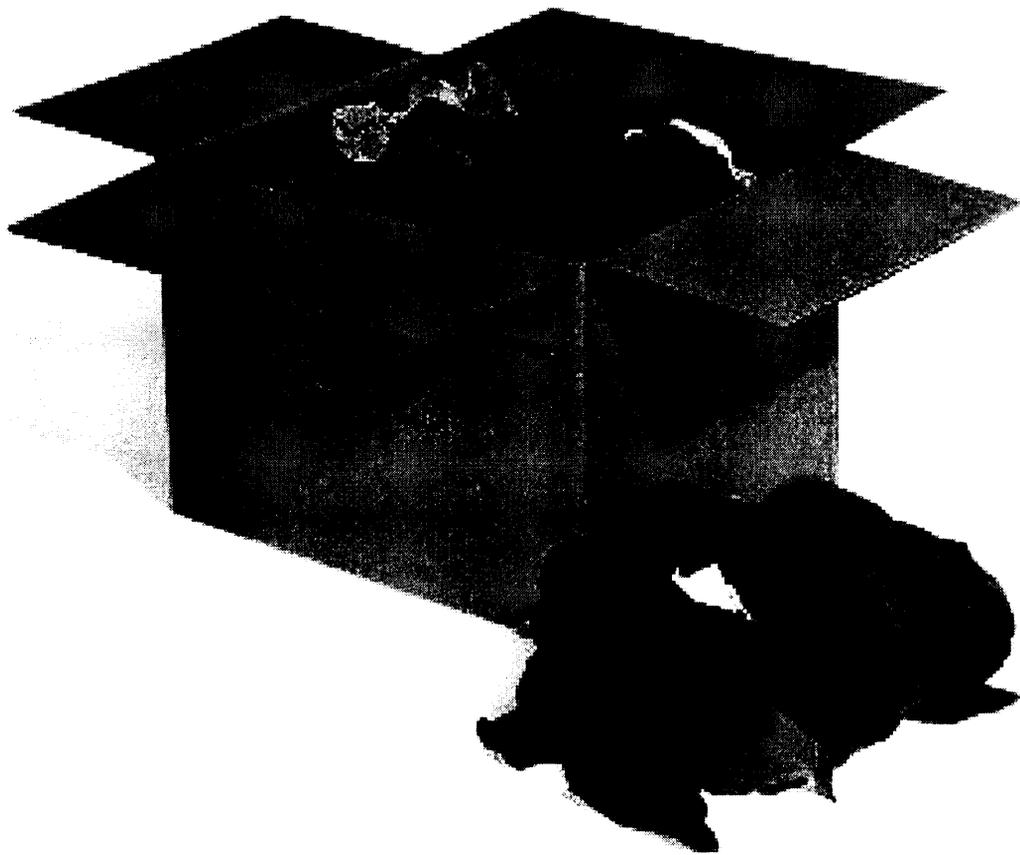
SPECIAL ORDER ITEM

AMBITEX®
A Tradex Brand

Economical
Janitorial & Paper Supplies, LLC

Colored T-Shirt Rags - 25 lbs. Box

Item# CCI-D



25 Lbs. of Cotton Colored T-Shirt Rags

Economical
Janitorial & Paper Supplies, LLC

White T-Shirt Rags - 25 lbs. Box
Item# CCI-Z



All white low lint cotton t-shirts.
Cut from cotton-blend t-shirts.
Soft absorbent wiping rags, which will not bleed when used
with solvents or harsh cleaners.

Approximate Size: Varies
Material: Recycled Cotton
Sold By: the Box of 25 lbs.

Economical
Janitorial & Paper Supplies, LLC

**Royal Broom & Mop 32# Janitor 6-Sew Corn
Warehouse Broom**

Item# EJ-200P

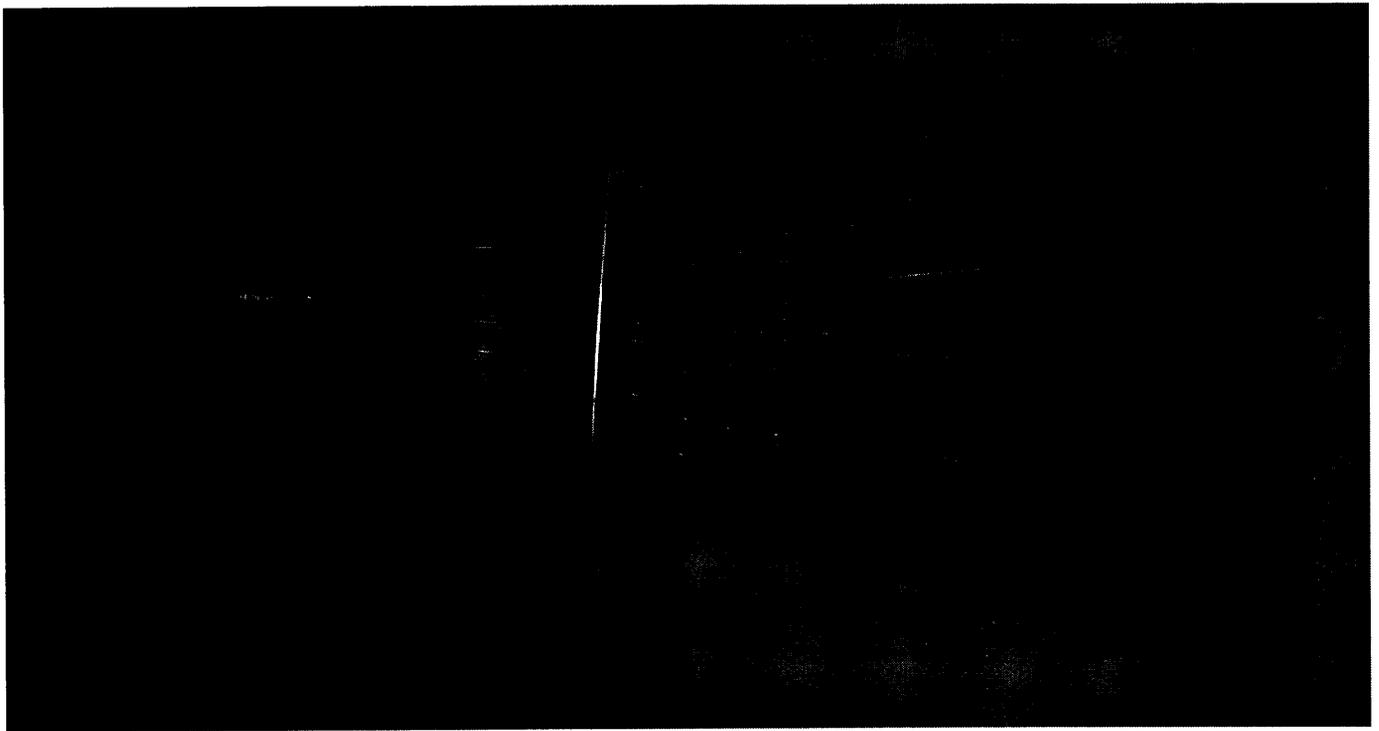


Broom Material: Corn & Yucca Blend
Handle: 1 $\frac{1}{8}$ " Clear Lacquered Wood
Sew: 2 Yellow Outer Sew, 4 White Inner Sew, Total of 6
Bristle Length: 18"
Overall Length: 56 $\frac{1}{2}$ "
Sold By: the Dozen



Economical
Janitorial & Paper Supplies, LLC

Clean Sweep 18# 100% All Corn Parlor Broom
Item# EJ-100P

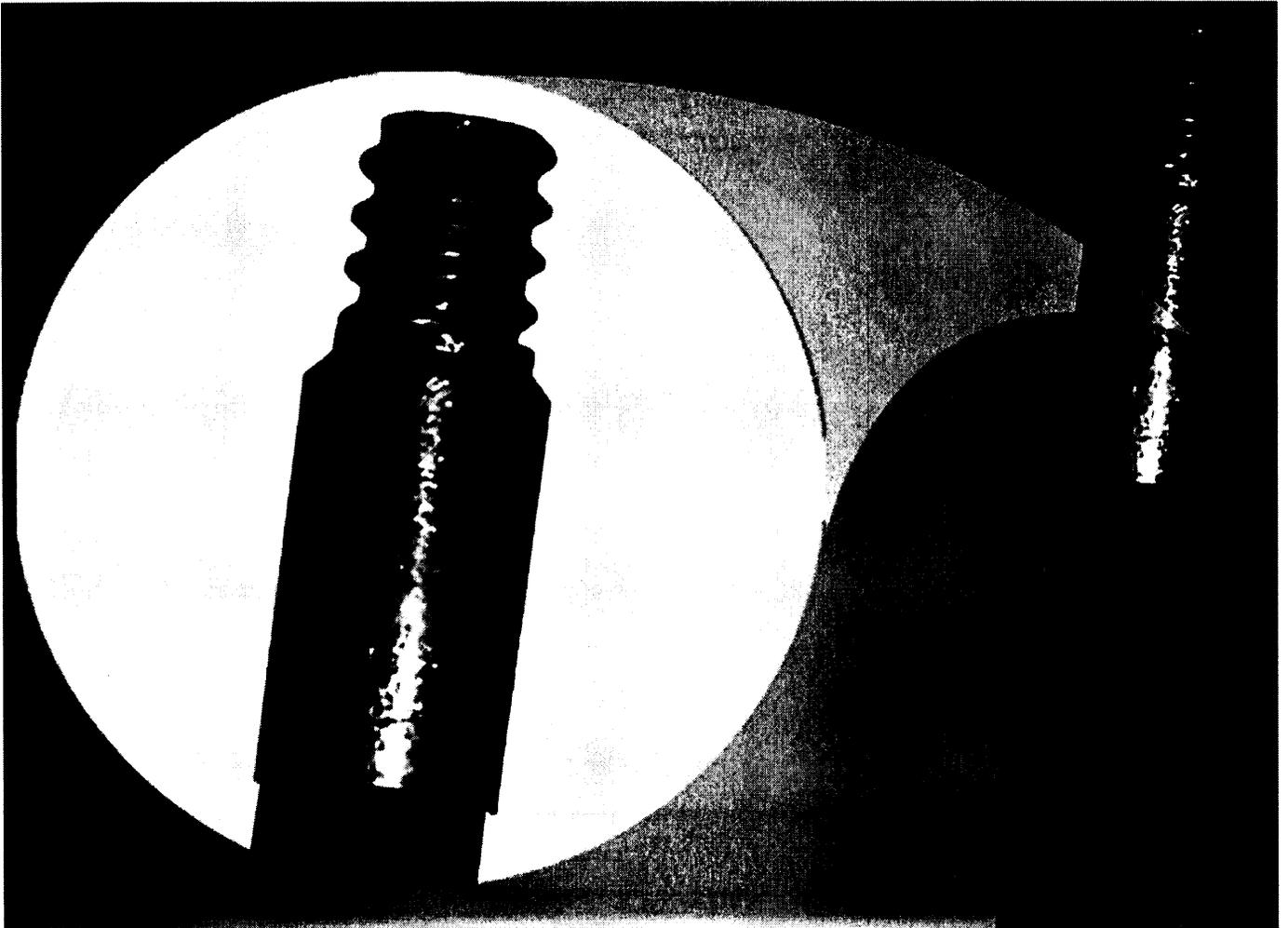


Clean Sweep is a household broom made of corn and yucca mix.
It is wire bound with 4 red sews.

Handle Color: Red
Handle Diameter: $\frac{7}{8}$ "
Bristle Length: 16"
Overall Length: 55"
Sold By: the Each or the Dozen

Economical
Janitorial & Paper Supplies, LLC

Abco Metal Threaded Wood Broom Handle
Item# AB-01104



A durable metal thread design for tip reinforcement when used in heavy sweeping activities with a similar broom head. Our best choice for professional cleaning, outdoors or inside.

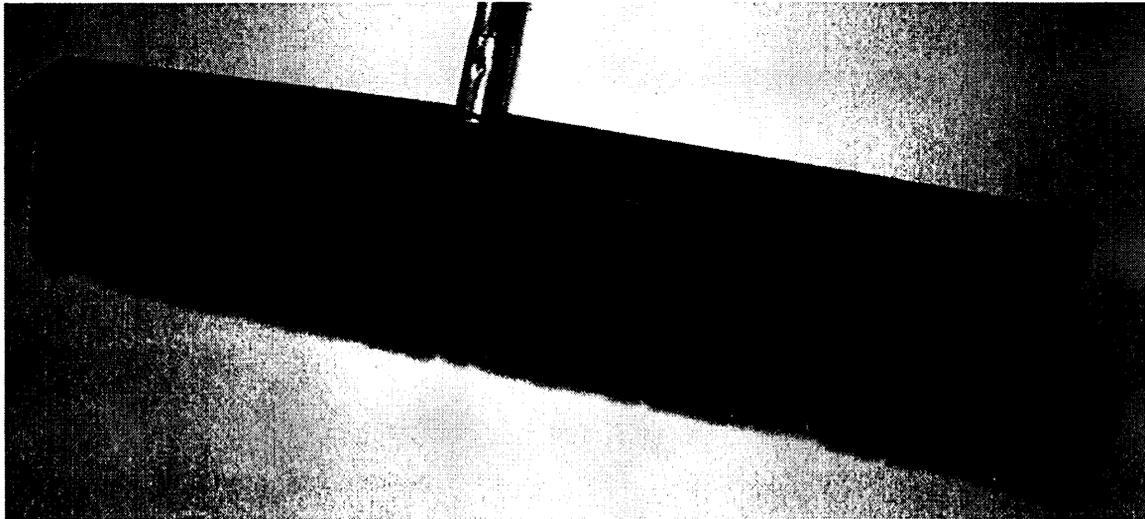
Size: 60" x 15/16"
Sold By: the Each or by the Dozen



Economical
Janitorial & Paper Supplies, LLC

Abco 24" Garage Brush Push Broom

Item# AB-BH12003



Exceptional cleaning performance on unfinished surfaces; suited for heavy duty cleaning jobs where heavy debris and soils must be removed.

Handle is not included.

Rough surface 4" Palmyra fiber bristles in a wood block

Size: 24"

Packaged: 12

Sold by: the Each or the Dozen

ABCO

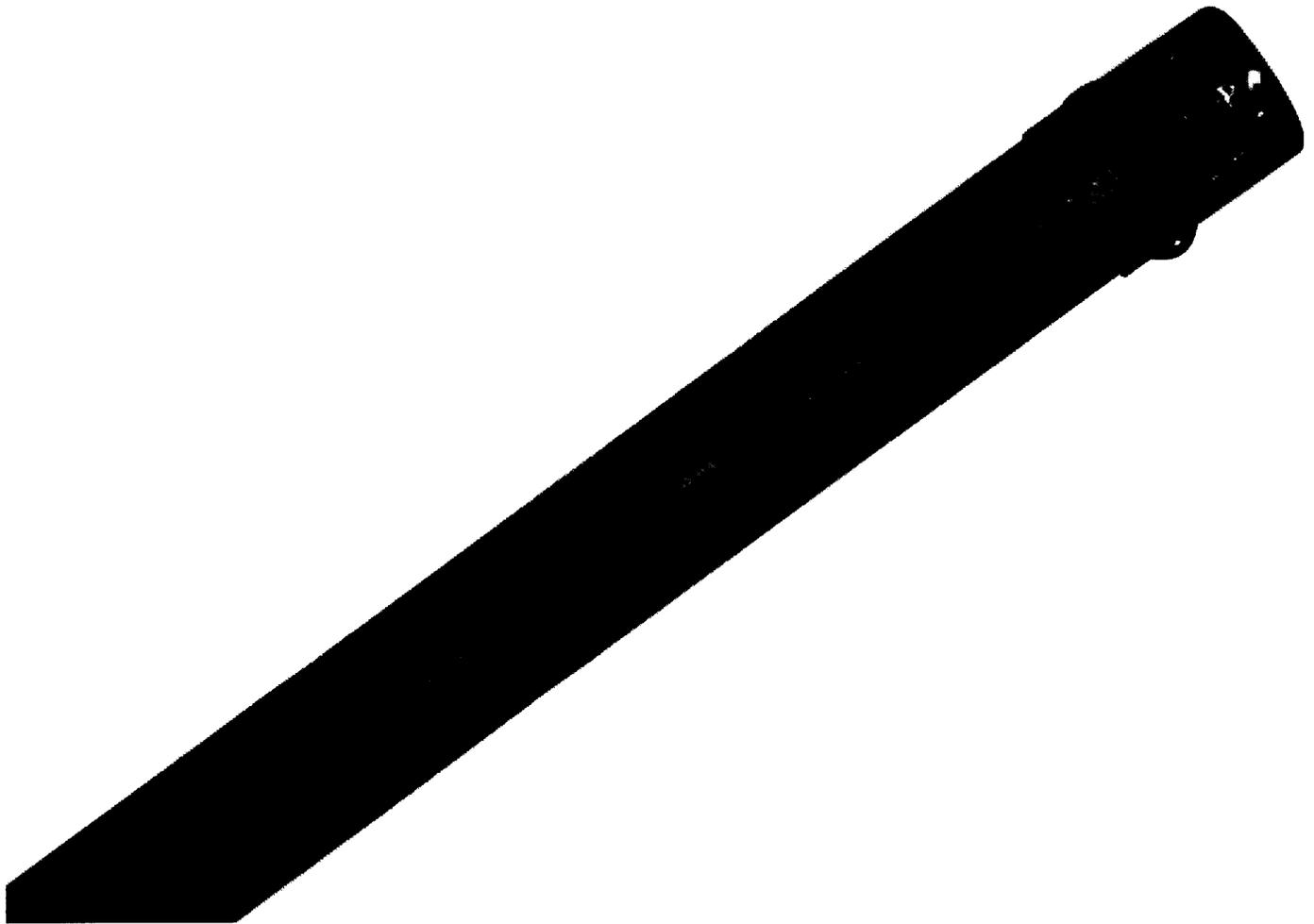
CLEANING PRODUCTS

Lean on us



Economical
Janitorial & Paper Supplies, LLC

Abco Screw Type Wooden Handle
Item# AB-01210-NB



Our screw style head is designed for screw-type lie-flat mops when less hand contact is preferred during soiled mop head changes. The metal threaded connector is countersunk and riveted to the wooden handle.

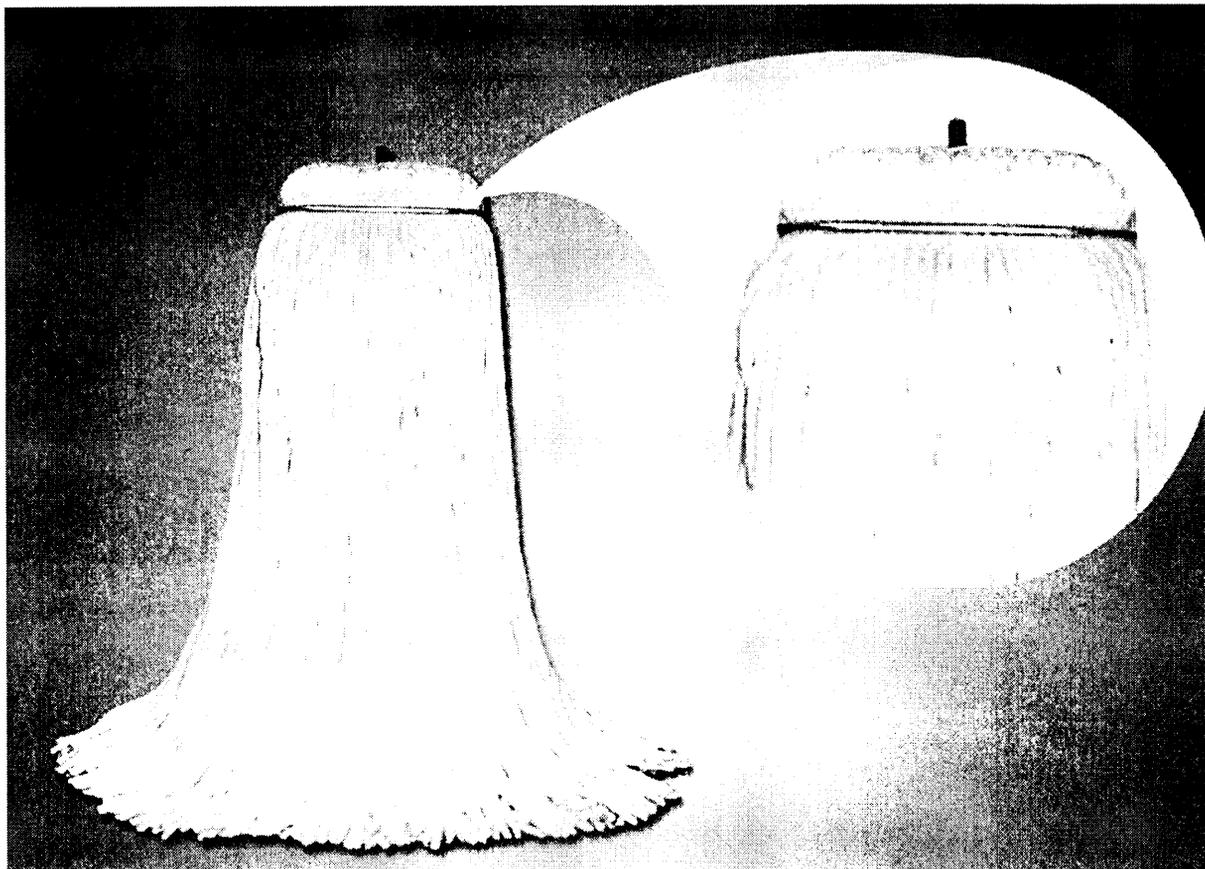
Length: 60"
Diameter: 1 1/8"
Color: Natural Lacquered Finish
Sold By: the Each or the Dozen



Economical
Janitorial & Paper Supplies, LLC

Abco Rayon 16 oz. Lay Flat Screw-Type Mop

Item# AB-RM32016



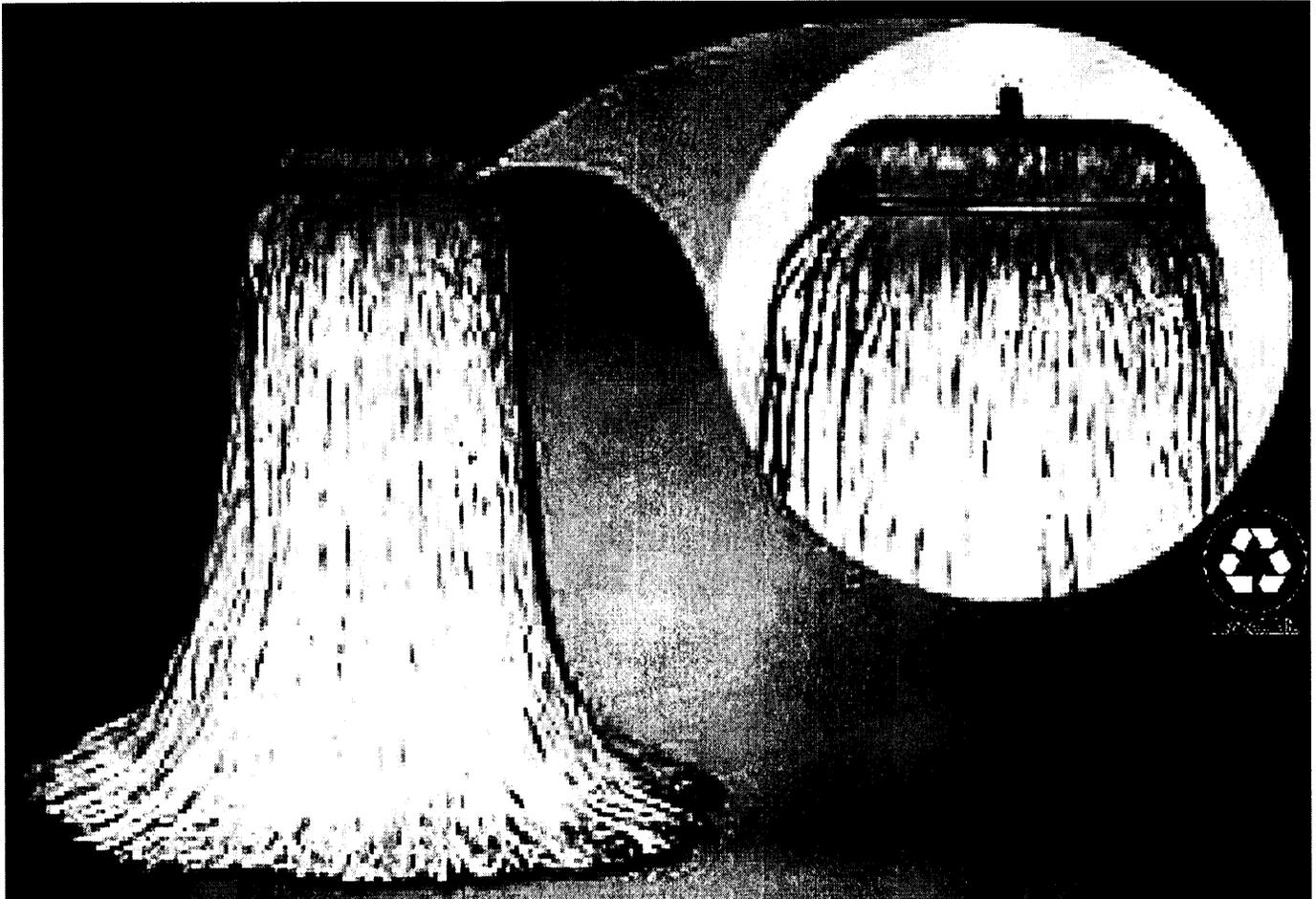
This mop is engineered to fit screw style mop sticks. The 4-ply design of the synthetic mop fans flat on the floor surface for efficient mopping, which makes a good choice for general cleaning.

Size: 16 oz. Lay Flat
Material: Rayon
Ply: 4
Packed: 12
Sold By: the Each or the Dozen

ABCO
CLEANING PRODUCTS
Lean on us 

Economical
Janitorial & Paper Supplies, LLC

Abco Rayon 24 oz. Screw-Type Mop
Item# AB-RM32024



This mop is engineered to fit screw style mop sticks. The 4-ply design of the synthetic mop fans flat on the floor surface for efficient mopping, which makes a good choice for general cleaning.

Size: 24 oz.
Material: Rayon
Packed: 12
Ply: 4

Sold By: the Each or by the Dozen



Economical
Janitorial & Paper Supplies, LLC

Hi-Tech® Side Press Wringer Mopping System
Item# EJ-COMBO35



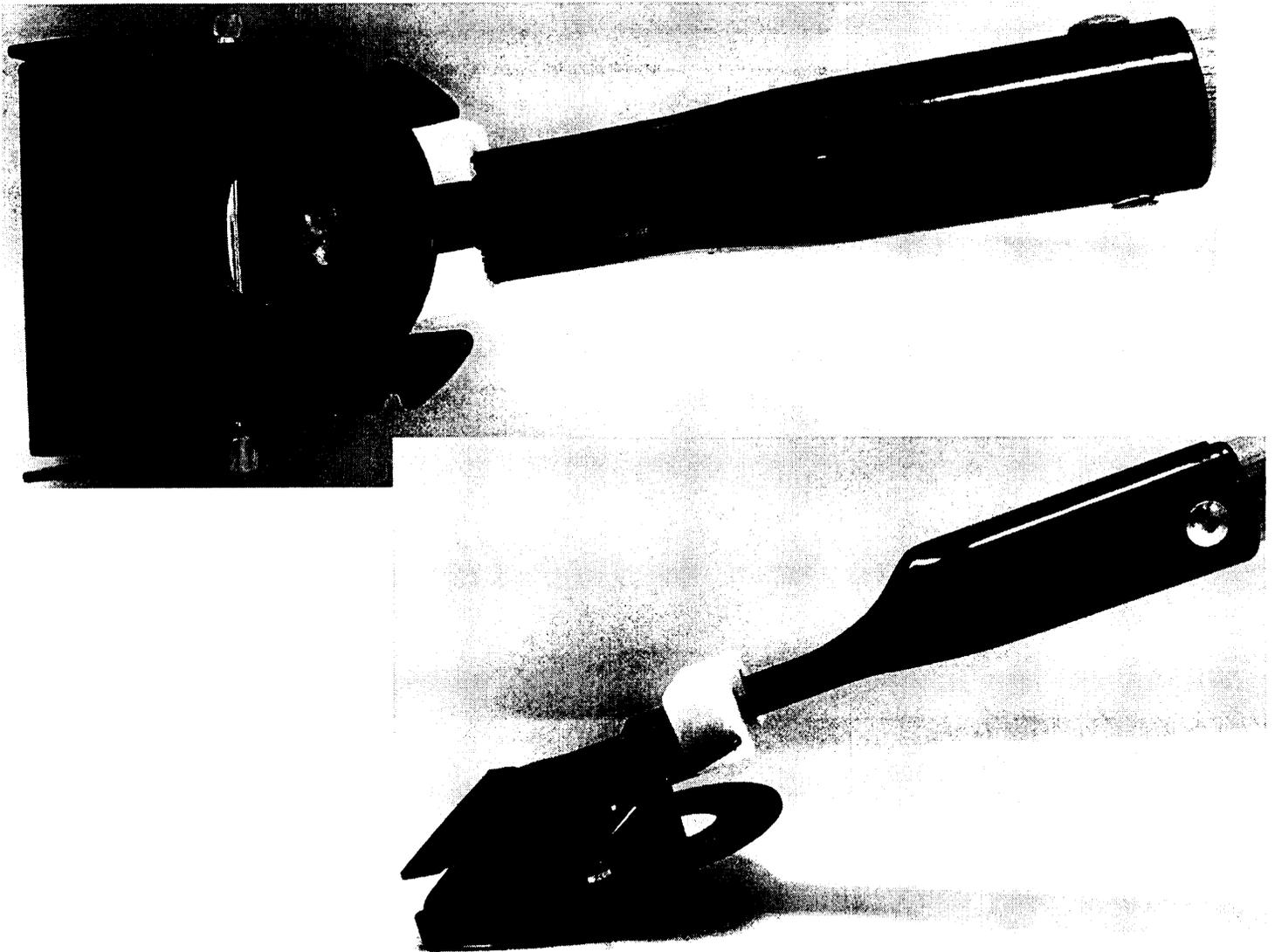
Superior plastic construction with non-marking casters eliminates the need for removing unsightly floor shadows. Easy to transport to custodial workstations for changing soiled cleaning solutions, simple to clean and store.

Size: 35 Quart
Color: Yellow
Sold By: the Set



Economical
Janitorial & Paper Supplies, LLC

Abco Clip-On Dust Mop Handle
Item# AB-01406-NB



Handle snaps onto a clip-on frame from a standing position.
(Clip-on frame sold separately.)

Color: Natural
Material: Wood Handle, Steel Head
Size: $1\frac{5}{16}$ " x 60"
Sold by: the Each or Dozen



Industrial Dust Mop Heads

* Item: RB185DH 18 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 16 lbs.
UPC Code: 035162051188

Item: RB245DH 24 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 20 lbs.
UPC Code: 035162

Item: RB365DH 36 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 27 ¼ lbs.
UPC Code: 035162 051362

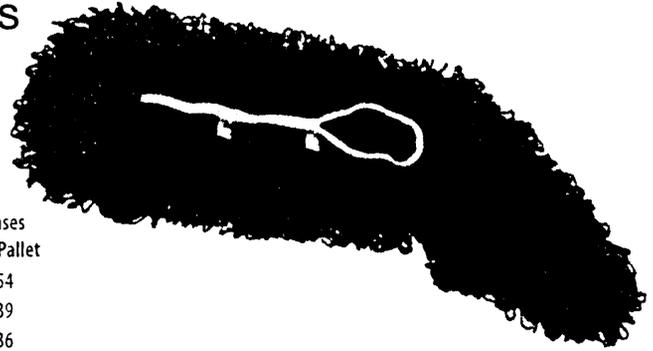
Item: RB485DH 48 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 34 lbs.
UPC Code: 035162 051485

Item: RB605DH 60 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 43 ¼ lbs.
UPC Code: 035162 051607

Item: RB725DH 72 x 5" dust mop head is made of 4 ply, loop end white absorbent cotton yarn evenly sewn on Sanforized duck, outside yarn is sewn on duck with 2 rolls of lock stitching, convenient zipper for easy changing.
Pack: 12 each Case Weight: 55 lbs.
UPC Code: 035162051720

MaxiDust® Loop-End Dust Mops

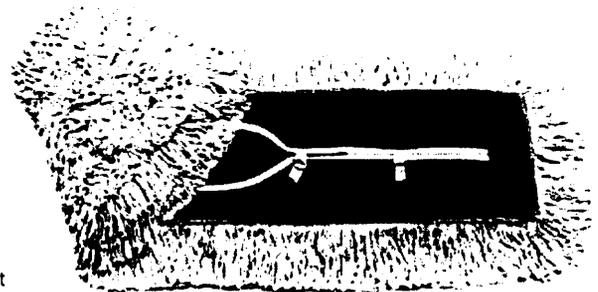
- Yarn is made from traditional long, stapled, tightly-twisted virgin natural cotton yarn
- 2-ply loop-end cotton yarn construction prevents fraying and unraveling
- Slip-on slot pocket; easiest and fastest method to secure dust mop to frame
- Loop-end yarn makes laundering easy; quick-dry polyester backing
- Fits standard 5" dust mop frames



Item#	Description	Case Pack	Case Wt. (Lbs.)	Case Cube	Case Dimensions (L x W x H)	Cases Per Pallet
96918	18" MaxiDust® Loop-End Dust Mop	12 ea	9	0.23	7" x 10" x 20"	54
96928	24" MaxiDust® Loop-End Dust Mop	12 ea	11	0.23	14" x 8" x 14"	39
96937	36" MaxiDust® Loop-End Dust Mop	12 ea	16	0.31	19" x 8" x 14"	36
96949	48" MaxiDust® Loop-End Dust Mop	12 ea	20	0.51	18" x 15" x 12"	18
96953	60" MaxiDust® Loop-End Dust Mop	12 ea	23	0.56	20" x 15" x 12"	20

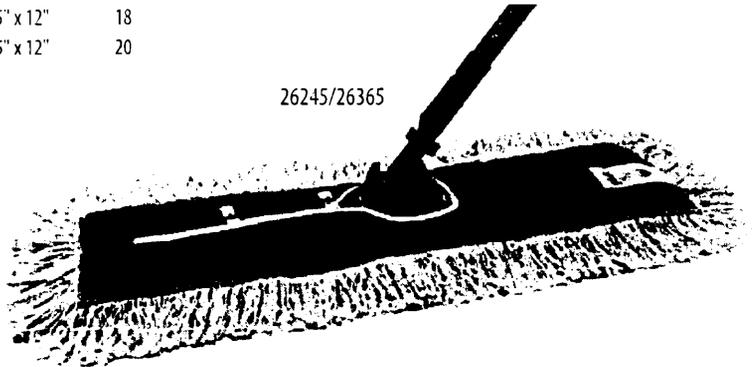
Cotton Cut-End Dust Mops

- Yarn is made from traditional long, stapled, tightly-twisted virgin cotton yarn
- Great mop for dust control maintenance in industrial and institutional facilities
- Key-slot style with snaps; heavy-duty, rust-resistant snaps are fast and easy to use
- Yarn is easily laundered; quick-dry synthetic backing
- Fits standard 5" dust mop frames



Item#	Description	Case Pack	Case Wt. (Lbs.)	Case Cube	Case Dimensions (L x W x H)	Cases Per Pallet
96018	18" Cotton Cut-End Dust Mop	12 ea	9	0.23	7" x 10" x 20"	54
* 96024	24" Cotton Cut-End Dust Mop	12 ea	11	0.23	14" x 8" x 14"	39
* 96036	36" Cotton Cut-End Dust Mop	12 ea	16	0.31	19" x 8" x 14"	36
96048	48" Cotton Cut-End Dust Mop	12 ea	20	0.51	18" x 15" x 12"	18
96060	60" Cotton Cut-End Dust Mop	12 ea	23	0.56	20" x 15" x 12"	20

26245/26365

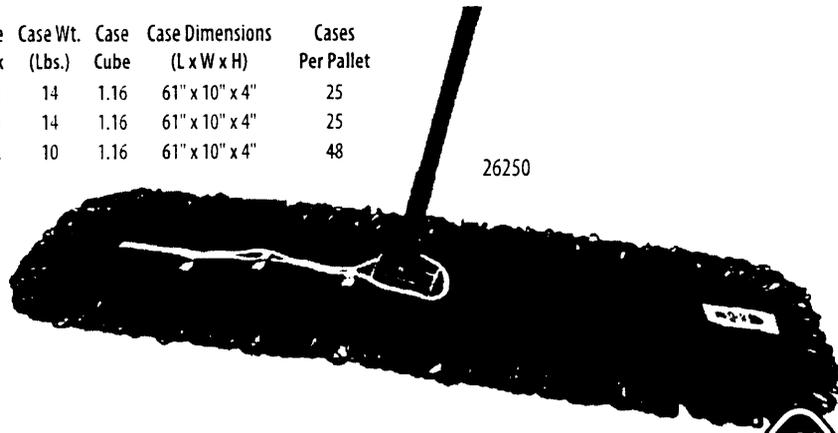


Dust Mop Kits

- 26250: Contains MaxiDust® Cotton Loop-End Dust Mop, Snap-On™ Frame, 60" Snap-On™ Handle
- 26245, 26365: Contains Cotton Cut-End Dust Mop, Snap-On™ Frame, 60" Snap-On™ Handle
- 26245, 26250: Assembled

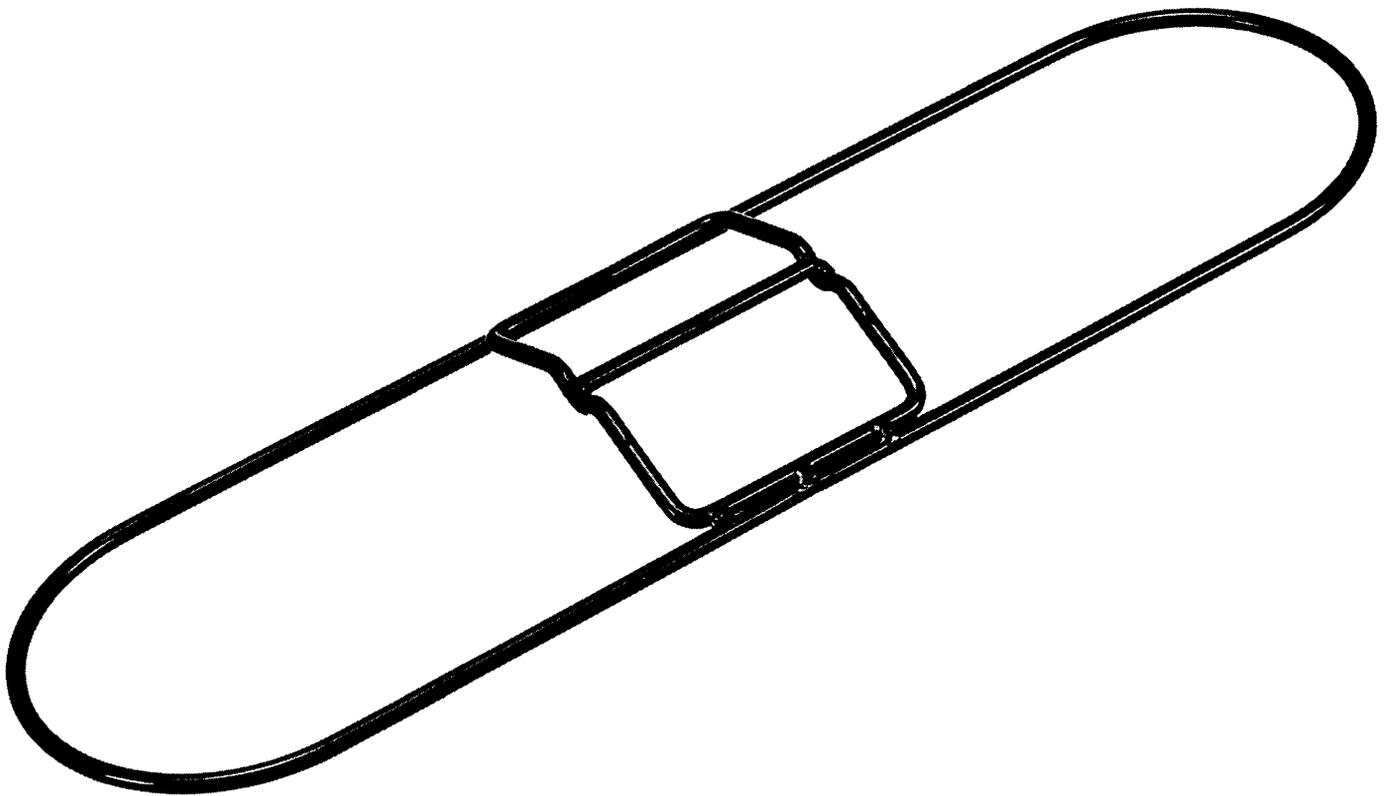
Item#	Description	Case Pack	Case Wt. (Lbs.)	Case Cube	Case Dimensions (L x W x H)	Cases Per Pallet
26245	24" Cotton Cut-End Dust Mop Kit Dust Mop Kit	4 ea	14	1.16	61" x 10" x 4"	25
26250	24" MaxiDust® Dust Mop Kit – Loop-End	4 ea	14	1.16	61" x 10" x 4"	25
26365	36" Cotton Cut-End Dust Mop Kit Dust Mop Kit	2 ea	10	1.16	61" x 10" x 4"	48

26250



Economical
Janitorial & Paper Supplies, LLC

Abco 18" Dust Mop Frame
Item# AB-BH24518



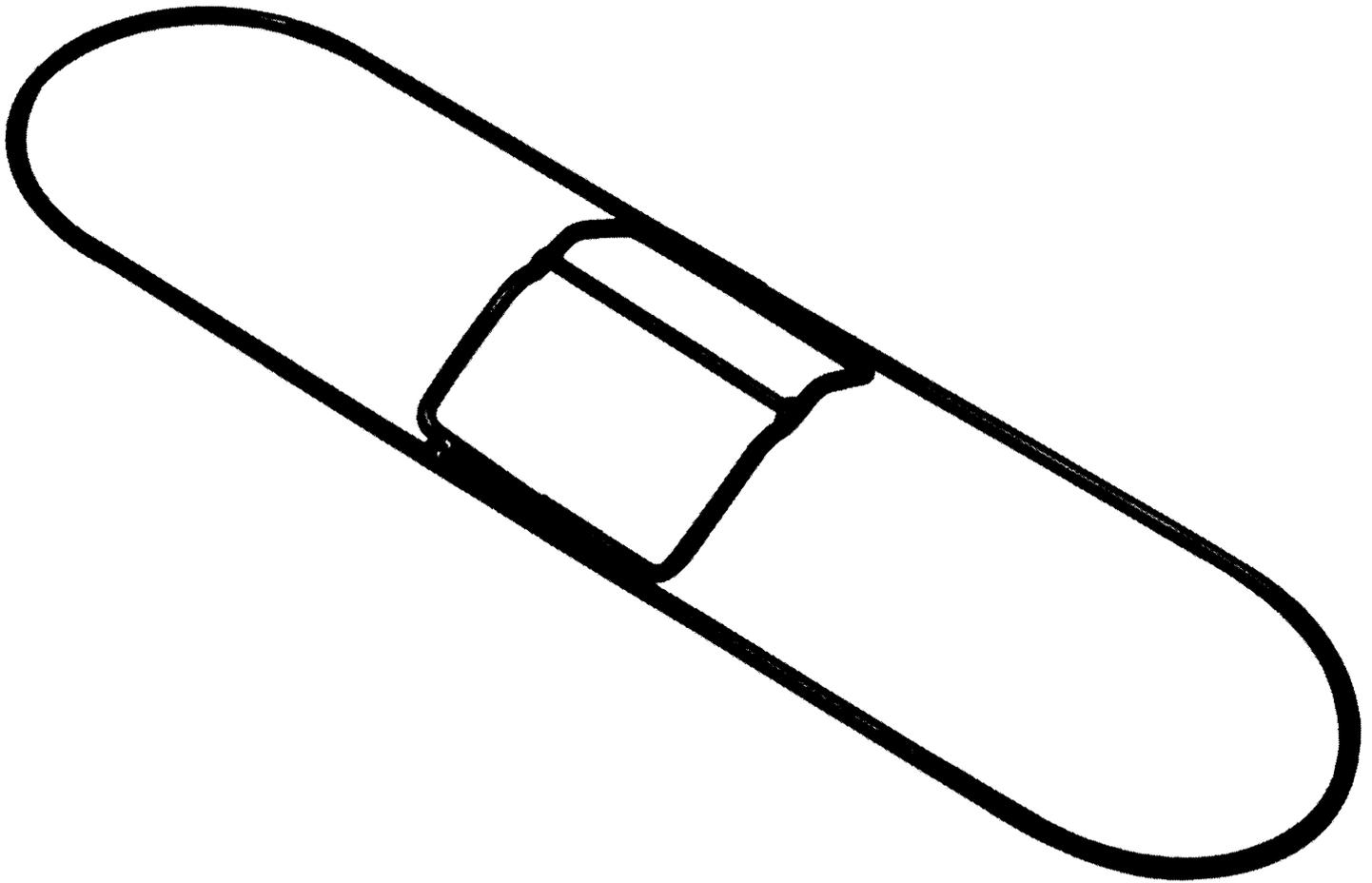
This frame is made of metal with a black zinc plating. It is for dustmop handles with snap-on connections and dustmop pads with slip-on backing. Also, this rust resistant frame is suitable for commercial and industrial applications.

Material: Metal
Size: 5" x 18"
Sold By: the Each or the Dozen



Economical
Janitorial & Paper Supplies, LLC

Abco 5" x 24" Dust Mop Frame
Item# AB-BH24524



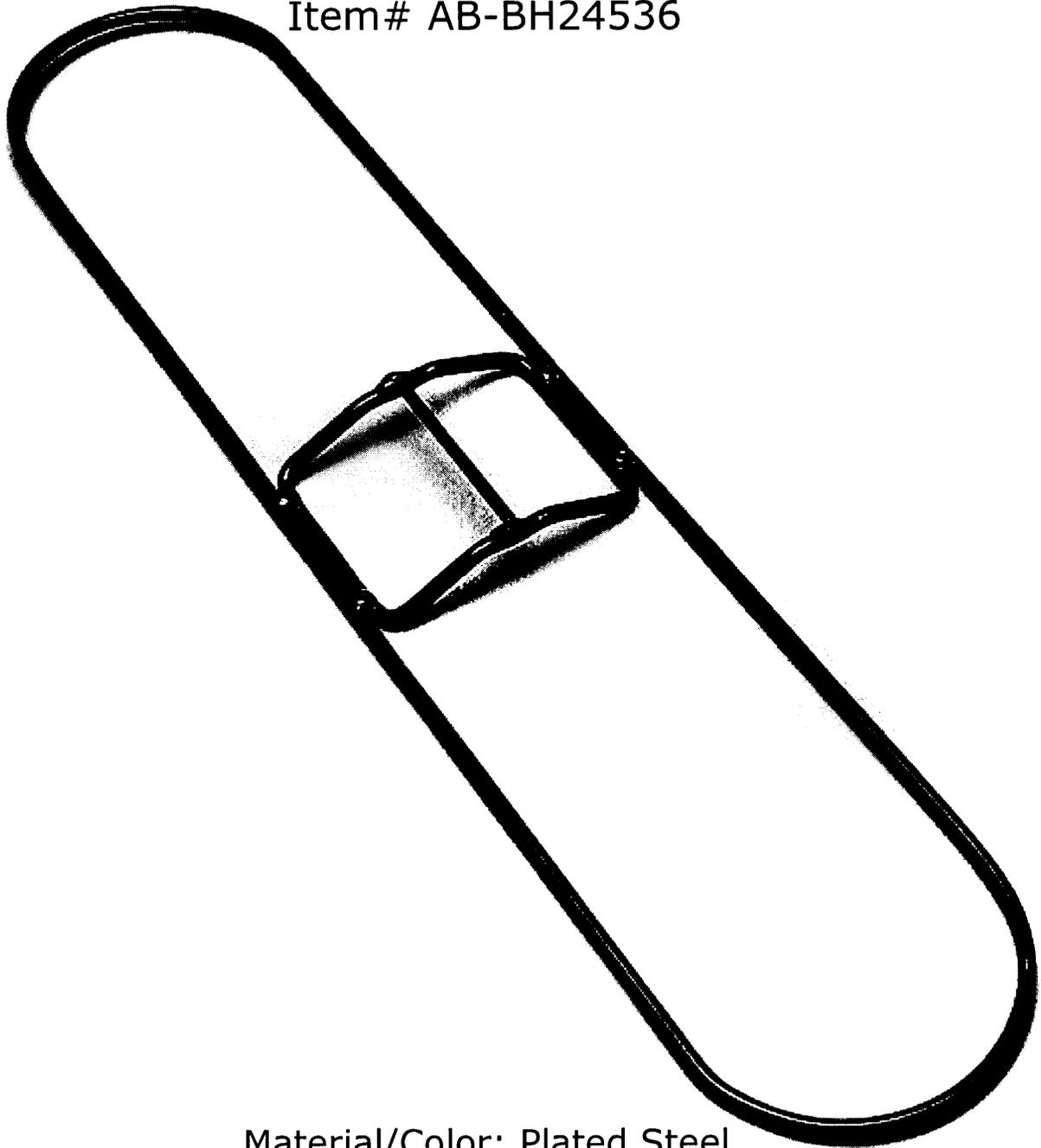
Material/Color: Plated Steel
Size: 5" x 24"
Sold By: the Each or the Dozen



Economical
Janitorial & Paper Supplies, LLC

Abco 5" x 36" Dust Mop Frame

Item# AB-BH24536



Material/Color: Plated Steel

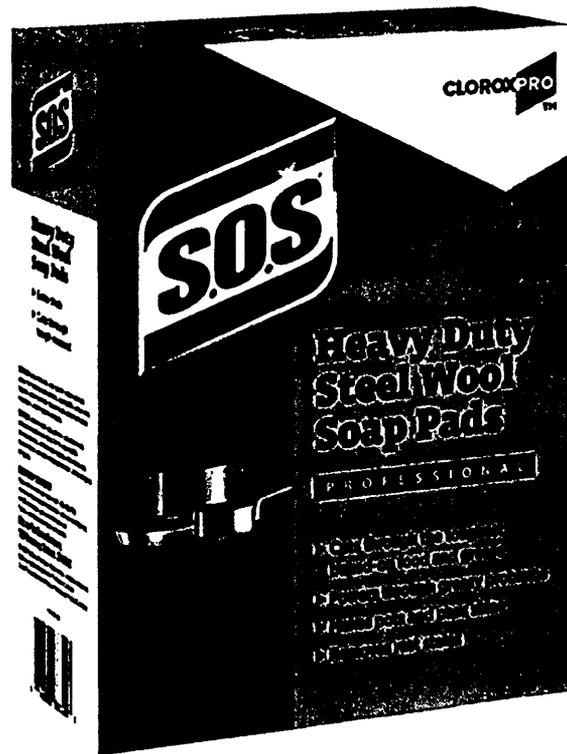
Size: 5" x 36"

Sold By: the Each or the Dozen



S.O.S Steel Wool Soap Pads

Item# CX-88320



These versatile pads are designed to remove grease, rust, and stains with their powerful steel wool construction and long-lasting soap. The exceptional scrubbing capabilities of these pads make them a must-have cleaning tool for a variety of indoor and outdoor spaces. These reusable and versatile steel-colored pads are perfect for use in offices, day care centers, schools, restaurants, and hotels.

Packed: 12/15 Count





SAFETY DATA SHEET

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clorox Commercial Solutions® Heavy Duty S.O.S® Steel Wool Soap Pads

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Cleaning and scrubbing tool for dishware, pots, and pans

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Clorox Professional Products Company
1221 Broadway
Oakland, CA 94612

Phone: 1-510-271-7000

Emergency telephone number

Emergency Phone Numbers For Medical Emergencies, call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Carcinogenicity	Category 1B
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GHS Label elements, including precautionary statements

Emergency Overview

Signal word	Danger		
Hazard Statements	May cause cancer (inhalation, ingestion).		
			
Appearance	Opaque, blue soap mixture impregnated into grey steel wool pads	Physical State	Solid
		Odor	Soapy

Precautionary Statements - Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves, eye protection, and face protection.
 Do not breathe dust.

Precautionary Statements - Response

If exposed or concerned: Get medical advice.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents in accordance with all applicable federal, state, and local regulations.

Hazards not otherwise classified (HNOC)

Not applicable.

Unknown Toxicity

40% of the mixture consists of ingredients of unknown toxicity.

Other information

Toxic to aquatic life.

Interactions with Other Chemicals

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Glycerin	56-81-5	3 - 7	*
Sodium carbonate	497-19-8	1 - 5	*
Cocamide MEA	68140-00-1	1 - 5	*
Sodium alkylbenzenesulfonate	68081-81-2	0.5 - 2	*
Sodium nitrite	7632-00-0	0.5 - 2	*
Titanium dioxide	13463-67-7	< 0.3	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures**

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact	Rinse skin with plenty of water. If irritation persists, call a doctor.
Inhalation	Move to fresh air. If breathing problems develop, call a doctor.
Ingestion	Drink a glassful of water. Call a doctor or poison control center.
Protection of First-aiders	Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	May cause slight eye irritation. Inhalation of dry soap may irritate nose and throat.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

Not flammable. None known.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions See Section 12 for ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further spillage if safe to do so.

Methods for Cleaning Up Containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE**Precautions for safe handling**

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Store in a dry area.

Incompatible Products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA - 15 mg/m ³ (total dust)	IDLH - 5000 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses.

Skin and Body Protection Wear rubber or neoprene gloves.

Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical State	Solid		
Appearance	Opaque soap mixture impregnated into steel wool pads	Odor	Soapy
Color	Blue soap - grey steel wool pads	Odor Threshold	No information available

Property	Values	Remarks/ Method
pH	No data available	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	Not flammable	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Bulk density	No data available	None known
Water Solubility	Soap is soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY**Reactivity**

None known.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

- Inhalation** Inhalation of dry soap may irritate respiratory tract.
- Eye Contact** May cause temporary eye irritation.
- Skin Contact** Minor or no effects expected.
- Ingestion** Ingestion may cause slight irritation to mucous membranes and gastrointestinal tract.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin 56-81-5	-	>10 g/kg (Rabbit)	>570 mg/m ³ (Rat, 1 h)
Sodium carbonate 497-19-8	4.1 g/kg (Rat)	-	2.3 g/m ³ (Rat, 2 h)
Cocamide MEA 68140-00-1	3.3 g/kg (Rat)	-	-
Sodium nitrite 7632-00-0	85 mg/kg (Rat)	-	>5.5 mg/L (Rat)
Titanium dioxide 13463-67-7	>10g/kg (Rat)	-	-

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes. Inhalation may irritate respiratory tract.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium nitrite 7632-00-0		Group 2A		X
Titanium dioxide 13463-67-7		Group 2B		X

ACGIH: (American Conference of Governmental Industrial Hygienists)
 A2 - Suspected Human Carcinogen
IARC: (International Agency for Research on Cancer)
 Group 1 - Carcinogenic to Humans
NTP: (National Toxicology Program)
 Known - Known Carcinogen
OSHA: (Occupational Safety & Health Administration)
 X - Present

Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic Toxicity	Contains a known or suspected carcinogen. May cause adverse effects on the bone marrow and blood-forming system. Sodium nitrite produced stomach tumors in female mice when fed exaggerated doses. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation.
Target Organ Effects	Respiratory system, gastrointestinal tract, kidney, blood, cardiovascular system.
Aspiration Hazard	Not an aspiration hazard.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic organisms.

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other adverse effects
None known.

13. DISPOSAL CONSIDERATIONS

Disposal methods
Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging
Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>TDG</u>	Not regulated.
<u>ICAO</u>	Not regulated.
<u>IATA</u>	Not regulated.
<u>IMDG/IMO</u>	Not regulated.

15. REGULATORY INFORMATION

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical that is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No.	Weight %	SARA 313 - Threshold Values %
Sodium nitrite	7632-00-0	0.5 - 2	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substance that is a regulated pollutant pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium nitrite 7632-00-0	100 lb.			X

CERCLA

This material, as supplied, contain the following substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium nitrite 7632-00-0	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemical.

Chemical Name	California Proposition 65
Titanium dioxide 13463-67-7	Carcinogen (airborne, unbound particles of respirable size)

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Glycerin 56-81-5	X	X	X	X	
Sodium nitrite 7632-00-0	X	X	X	X	

International Regulations

Canada

WHMIS Hazard Class
 D2A - Very toxic material
 D2B - Toxic material



16. OTHER INFORMATION

NFPA Health Hazard 0 Flammability 0 Instability 0 Physical and Chemical Hazards -

HMIS Health Hazard 1* Flammability 0 Physical Hazard 0 Personal Protection -

**Indicates a chronic health hazard*

Prepared By Product Stewardship
 23 British American Blvd.
 Latham, NY 12110
 1-800-572-6501

Revision Date New

Revision Note New

Reference 1076006-A/50570.001

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

VINYL PROTECTOR

INVISIBLE PROTECTIVE COATING



**Excellent on
Seats and Dashes**



UV Protectant



**Excellent
for Boats!**



**Great for
Motorcycles**

DESCRIPTION:

Don't let the elements take the life out of your car, boat, or recreational vehicle.

Ideal for use on: Vinyl seats, dashes, and all other vinyl and rubber surfaces including: tires, bumpers, seals, molding, mats, etc..

Vinyl Protector guards against sun rays which dull, crack, harden or fade materials like vinyl, leather, rubber, sealed wood, and plastic. It also makes surface anti-static to repel dust and dirt.

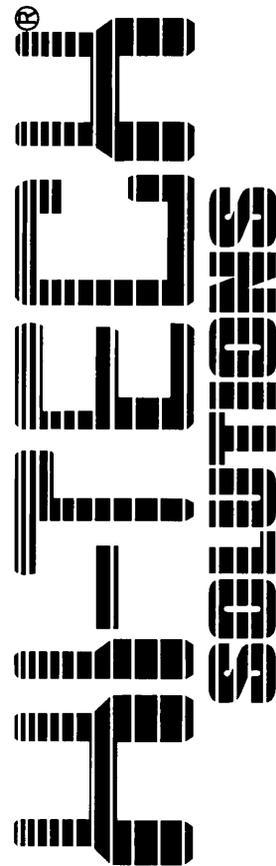
Vinyl Protector has been proven to keep wet suits and fins from drying out, and keeps your equipment looking brand new!

DIRECTIONS:

For best results pre-clean surface thoroughly.

Apply **Vinyl Protector** with cloth, sponge, or spray directly on clean dry surface. Spray a light coat of product then remove excess with a clean, damp cloth and buff to a high luster. It is recommended that product be applied to one small area at a time and then buffed. Rather than attempting to spray an entire surface before removing excess and buffing. Luster and non-soiling properties may be increased by applying additional coats of this product and buffing after each coat. To clean treated surfaces, wipe with a dry, clean cloth.

**CAUTION
KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY**



100% Product Satisfaction -- Money Back Guarantee

SPECIFICATIONS:

Appearance.....Milky White
Fragrance.....Mild
pH.....7.5
Flash Point.....None
Solvents.....None
Prod. code#.....5114

AVAILABLE SIZES:

**Quarts
One Gallon
Five Gallon Pail
Fifty-Five Gallon drum**

PAPER & JANITORIAL
SUPPLIES, INC.

Economical

(504) 464-7166
(800) 735-6745

1420-F SAM'S AVE
HARAHAN LA. 70123

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Vinyl Protector
 CHEMICAL FAMILY: Cleaning Compound
 PRODUCT NUMBER: 514

Distributor:
 ECONOMIC JANTORIAL & PAPER SUPPLIES, INC.
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166
 (800) -- 535-5053 INFOTRAC

EMERGENCY PHONE NUMBER
 (800) -- 535-5053 INFOTRAC

Hazard Statements: May be harmful if swallowed. May be harmful in contact with skin. Do not inhale.

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category 5 GHS LABEL ELEMENTS:
 Not a Hazardous substance or mixture
 Signal Word: N/A
 Symbols:

PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear suggested protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)

SECTION 3: COMPOSITION

Chemical Name	%	C.A.S.#
SILICONE EMULSION	95-100	8050-81-5
WATER	10-30	7732-18-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION: Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION: Give large quantities of water; then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

EYE CONTACT: Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

SKIN CONTACT: Remove material with a waterless skin cleaner from skin.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 78 ° F.T.O.C.

EXTINGUISHING MEDIA: Dry chemical foam, Co²

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained full-face breathing apparatus.

UNUSUAL HAZARDS: Concentrated Vapors can be ignited by extreme heat

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS: Eliminate ignition source, wear appropriate protective clothing, shut off source of spill, Dike and contain. Remove in accordance to local code.

SMALL SPILLS: Take up with absorbent material for proper disposal.

OTHER PRECAUTIONS: Keep out of reach of children.

SECTION 7: HANDLING AND STORAGE

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

This information is drawn from recognized sources believed to be reliable. TRANS GULF INDUSTRIES INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only USA Regulations apply to the above.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
SILICONE EMULSION	Not Available				
WATER	Not Available				

SECTION 9: SUPPLIER NOTIFICATION:

THE PRODUCTS MARKED WITH A * ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY; COMPONENTS NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 1%

RESPIRATORY PROTECTION

Yes (Other protective measures) Yes (Other protective measures)
 VENTILATION Yes (Limit contact with skin. Wash hands thoroughly after use. Safe handling of)
 PROTECTIVE GLOVES Yes (chemicals is always necessary.)
 EYE PROTECTION Yes

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Milky White Liquid
ODOR	Pleasant
pH	8
RELATIVE DENSITY	Unknown
SOLUBILITY	Slight
BOILING POINT	175 ° F
FLASH POINT	78 ° F.T.O.C.
VAPOR PRESSURE	N/A
EVAPORATION RATE	1
VAPOR DENSITY	N/A
POUNDS PER GALLON	7.955

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Heat, Flame, Sparks
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	N/A
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	Carbon Monoxide Possible

SECTION 10: TOXICOLOGICAL INFORMATION

HEALTH HAZARDS: ACUTE/CHRONIC:
 CARCINOGENIC: No
 MUTAGENIC: No
 REPRODUCTIVE TOXICITY: No
 OSHA REGULATED: No

Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
SILICONE EMULSION	>2000mg/kg	>2000mg/kg	Not Available
WATER	Not Available	Not Available	Not Available

SECTION 14 TRANSPORT INFORMATION:

Not Hazardous
 Not regulated

Date: June 1, 2015

TRANS GULF INDUSTRIES INC., PO Box 23809
 6101 Humphreys St. Harahan, LA 70183 (504) - 733-7865
 www.gentyp.com

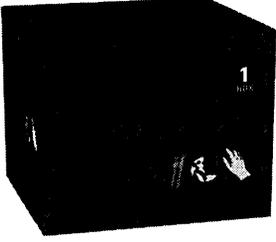
FLAMMABILITY



HEALTH
 4 EXTREME
 3 HIGH
 2 MODERATE
 1 SLIGHT
 0 INSIGNIFICANT



05925-WypAll® CriticalClean™ Heavy Duty Foodservice Cloths (05925), Quarterfold Towels, White (300 Sheets/Box, 1 Box/Case, 300 Sheets/Case)

	<p>WypAll® is the number one brand of disposable wipes in the US and Canada. Help reduce contamination risk with cleaning, disinfecting and sanitizing solutions. If you've been using either laundered towels or cloth rags for foodservice prep, it's time to make the switch to WypAll® Heavy Duty Foodservice cloths – they're a hygienic alternative. WypAll® Heavy Duty Foodservice cloths absorb 25% faster than leading competitive disposable wipers. They're made with high-tech Hydroknit® fast-absorbing material and suitable for all common cleaning and sanitizing tasks in foodservice industries. WypAll® Foodservice Cloths are strong enough for extended use, and can be machine washed, rinsed and reused. Plus, they are so durable that they can often be used more than once (once you've used them a few times, they're disposable). They're a trusted tool to help you get the job done right.</p>	<p>Non-Sterile</p>
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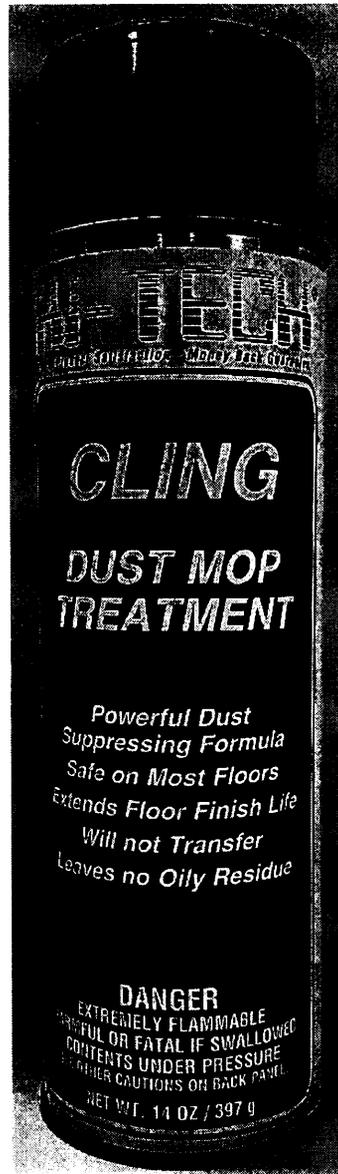
<p>General_Product_Information</p>	
<p>Product:</p>	<p>05925</p>

Economical

Janitorial & Paper Supplies, LLC

Hi-Tech[®] Solutions Cling Dust Mop Treatment

Item# EJ-875



Spray on dust mop or cloth. Prevents germ-filled dust from scattering.
For use on unsealed wood, concrete, and resilient floors.

Sold By: the Case of 12 - 14 oz. Aerosol Cans



SAFETY DATA SHEET

1. Identification

Product number 1000008142
Product identifier DUST UP FLOOR DRESSING & DUSP MOP TREATMENT
Company information Claire Manufacturing Co.
1005 S. Westgate Drive
Addison, IL 60101 United States
Company phone General Assistance 1-630-543-7600
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 01
Recommended use Not available.
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1
Health hazards Aspiration hazard Category 1
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements



Signal word Danger
Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways.
Precautionary statement
Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Response If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
Storage Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Distillates (Petroleum), Hydrotreated Light		64742-47-8	60 - 80
Propane		74-98-6	10 - 20
White Mineral Oil		8042-47-5	10 - 20
Other components below reportable levels			2.5 - 10

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
Environmental precautions	Never return spills in original containers for re-use. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid prolonged or repeated contact with skin. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
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Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Face shield is recommended. Wear safety glasses with side shields (or goggles).

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear suitable protective clothing.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas.

Form Aerosol.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range 107.26 °F (41.81 °C) estimated

Flash point -156.0 °F (-104.4 °C) Propellant estimated

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 0.7 % estimated

Flammability limit - upper (%) 8.5 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure	35 - 50 psig @20C estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	439.95 °F (226.64 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.748 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Fluorine. Chlorine. Nitrates.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.
Inhalation	Not available.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.
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Components	Species	Test Results
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg > 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	> 7.5 mg/l, 6 Hours > 4.6 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Propane (CAS 74-98-6)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes

Components	Species	Test Results
		52 %, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
White Mineral Oil (CAS 8042-47-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	2.18 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	5000.0001 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Prolonged or repeated contact may cause drying, cracking, or irritation.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
		2.9 mg/l, 96 hours
White Mineral Oil (CAS 8042-47-5)		
Aquatic		
Fish	LC50	Fish
		10000.0001, 96 Hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)

Propane 2.36

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Forbidden.
Cargo aircraft only	Forbidden.
Packaging Exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY

Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code

Not applicable.

DOT



IATA; IMDG



15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - Yes

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Propane (CAS 74-98-6)

US. Rhode Island RTK

Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 05-28-2015

Version # 01

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

TIRE SHINE

TIRE & RUBBER DRESSING



Great on
Rubber or Plastic



Repels
Dust & Dirt



Dries Quickly



No Streaks

DESCRIPTION:

Tire Shine is our premium, silicone-based tire dressing that protects against the damaging rays of the sun. Use Tire Shine to prevent drying out, cracking, dulling, hardening, and fading of materials such as vinyl, leather, rubber, sealed wood, and plastic. Tire Shine makes surfaces antistatic to repel dust and dirt.

DIRECTIONS:

Easy to use. Apply with cloth, sponge or spray directly on clean dry surface. For best results preclean surface thoroughly.

Ideal for use on: RUBBER: tires, bumpers, seals, molding, mats, etc..

3 SOLUTIONS

100% Product Satisfaction -- Money Back Guarantee

SPECIFICATIONS:

Appearance.....Clear
Fragrance.....Vanilla
pH.....N/A
Flash Point.....60* F
Solvents.....Yes
prod. code#.....5888

AVAILABLE SIZES:

Quarts
One Gallon
Five Gallon Pail
Fifty-Five Gallon drum

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Economical

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