

CAMERON PARISH SCHOOL BOARD

510 Marshall St.
CAMERON, LOUISIANA 70631

PHONE 337-775 - 5784
FAX 337-775 - 5097

DISTRICT 1. MARSHA TRAHAN
DISTRICT 2. CHRISTI LABOVE
DISTRICT 3. RHONDA BOUDREAU
DISTRICT 4. SHEILA MILLER

DISTRICT 5. JOHN CANIK
DISTRICT 6. SHARON PICO
DISTRICT 7. JOSEPH DELCAMPRE
DISTRICT 8. PAULA SMYTHE

May 4, 2017

JANITORIAL SUPPLIES BID NOTICE BID # 2017-09-08

The CAMERON PARISH SCHOOL BOARD will receive sealed **BIDS FOR JANITORIAL SUPPLIES** for the use in schools in Cameron Parish during the 2017-2018 session and any summer program during the summer of 2018 until 10:00 a.m. at the Cameron Parish School Board Office Room on Tuesday, May 23, 2017.

A bid form, list of specifications, and bid procedures may be obtained from the Purchasing Department of the CAMERON PARISH SCHOOL BOARD OFFICE, 510 Marshall St., Cameron, LA 70631

Bid price on all items should be the delivery price to the Cameron Parish School Board Warehouse, located at 3151 Trosclair Rd, Cameron, LA. 70631. All BIDS must be submitted on or before the scheduled time and date. Envelopes should be clearly marked, "**BID FOR JANITORIAL SUPPLIES 2017-2018**". Mailed/hand delivered bids should be sent to the above address.

Bids may also be submitted by electronic means security/password protected to: www.centralbidding.com

The following information should be included on all pages of correspondence:

Vendor name as registered with Louisiana Secretary of State-Corporation Database

Vendor Sales Representative and contract number(s)

Formal Bid #

Bid due date and time

The CAMERON PARISH SCHOOL BOARD RESERVES the right to refuse or cancel any price quotation based on the quality of goods, availability of products and/or services rendered.

CAMERON PARISH SCHOOL BOARD



By:

Charles Adkins, Superintendent

CAMERON PILOT

Run: May 4th, 11th and 18th, 2017

CHARLES ADKINS, SUPERINTENDENT

BID # 2017-09-08 Due 5/31/2017 @ 10:00 A.M.
5424 Mignone, 504-424-7166

ADVERTISEMENT FOR BIDS

JANTORIAL SUPPLIES CAMERON PARISH SCHOOL BOARD 510 MARSHALL ST. CAMERON, LOUISIANA 70631

TO: DEALERS IN JANTORIAL SUPPLIES

The CAMERON PARISH SCHOOL BOARD will receive sealed bids until 10:00 a.m., May 23, 2017, for Jantorial Supplies for the Cameron Parish Schools, in the described herein and in the attached additional specification: all bids arriving after this date and hour will be returned to Vendors unopened. The Board reserves the right to reject any or all bids. The following additional conditions shall apply to all submitted:

- 1) For the furnishing of jantorial supplies, for a period, effective August 1 2017-July 31, 2018 to be purchased on a need basis. With delivery to be made to the Central Warehouse in the parish area. The Central Warehouse is located at 3151 Trosclair Rd., Cameron, LA 70631
- 2) All bids must be signed, sealed, and mailed or delivered to the Cameron Parish School Board Office, 510 Marshall St., Cameron, LA 70631 Please mark clearly on the envelope **BIDS FOR JANTORIAL SUPPLIES - GENERAL FUND**, Date and Time.

- 3) Bids must be submitted on forms furnished by the Cameron Parish School Board.

- 4) All prices must include transportation charges to the Central Warehouse (3151 Trosclair Rd., Cameron, LA. 70631)

- 5) It is the intent of the specifications to invite bids on high quality merchandise. Where there is a particular brand or number mentioned it is done to establish the standard of quality desired. It is not done to eliminate any brand of equal quality. Only one bid per item allowed. No alternate bids allowed.
- 6) If bidding other than specified, vendors are required to attach to their bids complete specification of each item. An authorized officer of the firm and their title must sign the Bid.
- 7) When required, vendors shall submit samples to the Cameron Parish School Board no later than the date and hour of the opening.

- 8) Each sample shall be identified with the bidders name, item #, product trade name and number.

- 9) The board will buy no samples and will assume no responsibility for the samples not claimed and will not pay for any samples lost or damaged in testing.

- 10) Vendors may claim samples for 14 days after **Bid Award Date, May 23, 2017 School Board Meeting**. Vendors have 14 days to claim their samples. After that they turn into stock of the Cameron Parish School Board.

- 11) After bids are opened they may not be changed, and they may not be withdrawn after the advertised opening date, unless permission is given by the School Board.

- 12) The Board will make the final decision for acceptance, and the awards will become official at the time of the official meeting of the School Board.

Start Migration 504-111-7166
BID # 2017-09-08 Due 5/23/2017 @ 10:00 A.M.

13) The purchase order mailed or faxed to the successful vendor is the official authorization to deliver materials described therein.

14) Delivery will be made by appointment only (Carl Murphy 337-496-2842) to the Central Warehouse (3151 Trosclair Rd, Cameron, LA 70631). Merchandise shall be unloaded at the warehouse by an agent of the School Board System. A delivery ticket or one copy of the invoice shall accompany delivery.

15) Delivery - supplies will be unloaded using a pallet jack.

16) Material Safety Data Sheets are required to be submitted at the delivery of products from bid award. Payments will be held until all products are received and MSDS sheets are received for each product ordered.

A. Delivered items which do not fulfill all requirements will be rejected. Rejected items shall be removed and replaced promptly by the Vendor at no cost to the CAMERON PARISH SCHOOL BOARD.

THE BOARD MAY REJECT ANY BID FOR FAILURE BY THE VENDOR TO COMPLY WITH ANY OF THE REQUIREMENTS STATED ABOVE, OR IN THE PROPOSAL FORM, OR IN ATTACHMENTS THERETO WHICH BECOMES PART OF THE BID.

CAMERON PARISH SCHOOL BOARD

Should you desire additional information pertaining to these specifications please contact - Anna Murphy, Cameron Parish School Board, 510 Marshall St., Cameron LA. 70631, (337) 775-5784 Ext. 1009

I have read the general and detailed instructions, attached specifications and have complied and agree to all the requests therein.

Date 5/17/2017

Telephone 464-7166 Area Code 504

Fax Number 465-9563 Area Code 504

Signature Suzie @ economicjournal.com Email Address (person signing bid)

Address P.O. Box 23607

Company's Name Economic Journal and Paper Supplies LLC

Signature Anna Murphy

City Murphy, LA State LA Zip Code 70193-3607

CAMERON PARISH SCHOOL BOARD

JANTORIAL SUPPLIES BID FORM

5426 MIGLIORE School-464-7166
BID # 2017-09-08 Due 5/23/2017 @ 10:00 A.M.

ITEM DESCRIPTION	BRAND NAME	MANUFACTURER	PACKAGING	UNIT PRICE	COMMENT	QUANTITY
A-1 Brooms: Parlor Quality Fiber and Corn: Five rows of stitching, 42" long, 15/16" diameter wood handle. Approximate Weight 33 lbs to the dozen. SAMPLE REQUIRED	Hitch EJ-100P	Hitch	Dozen Dozen	41.00		
A-2 Mops: Mop Heads 16 oz. Rayon-Premium four-ply mop lies flat on floor. Standard 1/4" threaded bolt head for easy screw-on mop head changes. Galvanized metal outerband. Used for general cleaning or heavy cleaning or applying finishes. Use with 1/2-flat screw-in mop handles. Must fit Item A-5. SAMPLE REQUIRED	Wilen EJ- Rlm16	Wilen	Dozen Dozen	35.07		
A-3 Dust Pan: Lobby Dust Pan Open 30 1/2"x12"x9". Heavy Duty Plastic is acceptable. No Color Preference. SAMPLE	AuBermid AM-F62531	AuBermid	Each	5.79		
A-4 Dust Pan: Standard Heavy Duty, 12 1/4" inches wide. Molded in serrated teeth. Heavy duty plastic. SAMPLE REQUIRED	AuBermid AM-F62531	AuBermid	Each	1.77		
A-5 threaded connector is countersunk and riveted to lacquered wood handle. For use with bolt head style lieflat mop heads. Must fit Item A-2. SAMPLE REQUIRED	ABco AB-- 012049NB	ABco	Dozen	35.67		
B-1 Can, Wastebasket: 28 quart. Rubbermaid #2956. OR EQUAL. SAMPLE REQUIRED	RuBermid RM-F62456	RuBermid	Each	3.30		
B-2 Can, Garbage: 32 gallon with lid. Rubbermaid #2632 Base #2631 Flat Lid. OR EQUAL. SAMPLE	RuBermid RM-F62632/2631	RuBermid	Set	17.75		
B-3 Can Garbage: 44 gallon with lid. RM #2623 Base #2645 Flat Lid. OR EQUAL SAMPLE REQUIRED	RuBermid RM-F62643/2645	RuBermid	Set	33.34		
B-4 Can, Garbage: 55 gallon with lid. RM #2655 Base #2654 Flat Lid. OR EQUAL SAMPLE REQUIRED	RuBermid RM-F62655/2654	RuBermid	Set	55.50		
B-5 Garbage Sacks: Plastic 24"x22"x50" Fits Extra Large Trash Container, 56 gal capacity, bag must be at least 2.7 mil thick. Case qty/100. Bottom Seam Made with STAR SEAL or FLAT SEAL to Prevent Leaking. NOT ACCEPTING ANY BAG LESS THAN 2.7 MIL THICK. SAMPLE REQUIRED	Berry Plastics BP-P62450x3B		PL100	28.50		

CAMERON PARISH SCHOOL BOARD JANITORIAL SUPPLIES BID FORM

Suzie McGovern 504-464-7166
Bid # 2017-09-08 Due 5/23/2017 @ 10:00 A.M.

ITEM DESCRIPTION	BRAND NAME	MANUFACTURER	PACKAGING	UNIT PRICE	COMMENT	QUANTITY
B-7 capacity. Twist ties included. Basic Star, Inc. TB-406 or EQUAL. Case qty/500 SAMPLE REQUIRED	14112ch EJ-334011N	14112ch	PK 500	20.08		
B-9 permanently lubricated bearing and wheels non-marking. Must be structural foam resin RM#61.1-88 or EQUAL. SAMPLE REQUIRED	RUBBERmaid RM-EG158058yel	RUBBERmaid	set	37.73	Cheaper by combo	
B-10 Bucket Mop Wringer: Structural Plastic must have sideward motion. RM #6121 or EQUAL. SAMPLE REQUIRED	Above Includes wringer					
C-1 Plunger: For drains or toilets. 20" wood handle with 4" high, 6" diameter, plunger. SAMPLE REQUIRED	Magnolia AB-1M6149	Magnolia	Each	3.42		
C-2 Tissue Holder: Single Roll, Locking Device, Chrome 2 3/4" x 6 x 4 1/3" SAMPLE REQUIRED	CONWAY/ML CJ-RT 32	CONWAY/ML	Each	5.30		
C-3 Sprayer: Hand Held Pistol Grip with Quart Bottles. Or EQUAL. SAMPLE REQUIRED	TOILET TOL-130135 Pistol Holder	TOILET	Set	.93		
C-4 Overall length is 19" long. The brush is twisted in wire and shaped to clean interior bowl surfaces. Plastic handle with hang-up hole. SAMPLE REQUIRED	ABCO AB- D0017	ABCO	Each	.69		
C-5 Dust Cloth: Dust cloth, Size approximately 18" x 24" chemically treated and wrapped in a plastic bag. Disposable dust cloth NOT ACCEPTABLE. SAMPLE REQUIRED	Georgie Pacific GP-39616	Georgie Pacific	Pk 200	42.12		
C-6 Roll Towel Dispenser: Durable lever mechanism allows towel dispensing. High impact plastic construction. Accepts 8" or 9" paper rolls. SAMPLE REQUIRED	Georgie Pacific GP-54338	Georgie Pacific	Each	32.45		
C-7 Medical Grade, non-powdered, USP beaded cuff, ambidextrous, single use. Size Small, Medium and Large. Qty. 100 pieces per box. / STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	TradeX LSM300 LMD300 Lg 300	TradeX	10/100	33.75	Sold by the case 3.375 PK100	

CAMERON PARISH SCHOOL BOARD
JANITORIAL SUPPLIES BID FORM

Suzie Mignone 504-464-7166
BID# 2017-09-08 Due 5/23/2017 @ 10:00 A.M.

ITEM DESCRIPTION	BRAND NAME	MANUFACTURER	PACKAGING	UNIT PRICE	COMMENT	QUANTITY
D-1 that leaves a clean streak proof finish on glass. Must be packed in a 20 oz Aerosol can. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech ES-750	Hitech	12/20	18.05		
D-2 Dust Mop Treatment: Aerosol, Packed in 20 oz can. Product must be oil modified to assure proper treatment of the fibers of the dust cloths and mops. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech EJ-875	Hitech	12/20	36.30		
D-3 Lubricates, cleans, loosens nuts and bolts, non-conducting, never dries, displaces water, prevents corrosion. Shall be packed in 12 oz Aerosol cans. Packed 12 cans per case. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Clairc CMC 960	Clairc	12/16	41.35		
D-4 heavy duty detergents with Chlorinal bleach to quickly penetrate tough soil and stains. Cuts grease, removes soap scum, deodorizes toilets and urinals. Can be used on counters, sinks, tubs, showers, toilets, walls, floors, etc. Packed 8 quarts to a case with trigger sprayer. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Procter & Gamble PG-30314	Procter & Gamble	8/32	40.65		
D-5 disinfects Staphylococcus Aureus, Pseudomonas Aeruginosa, Salmonella Choleraesuis, Tubercule Bacilli, Human Immunodeficiency Virus Type 1, Herpes Simplex Virus Types 1 and 2, Polio Virus Types 1 and 2 and Influenza A2/Hong Kong Virus on inanimate environmental surfaces. Must be approved to be used in School Environments. Size of Can is 15 1/2 oz. Packed 12 cans per case. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech EJ-015	Hitech	12/20	26.96		
D-8						

CAMERON PARISH SCHOOL BOARD
JANITORIAL SUPPLIES BID FORM

SUBC M1810322 504-464-7166
BID # 2017-09-08 Due 5/23/2017 @ 10:00 A.M.

ITEM DESCRIPTION	BRAND NAME	MANUFACTURER	PACKAGING	UNIT PRICE	COMMENT	QUANTITY
Vomit Absorbent: Non-Abrasive granular deodorizer and absorbent to be used on spills-vomit, urine, blood and other liquids. Must be able to sweep up as spill is absorbed. Absorbs 60 times its weight immediately. Quat and microbicide eliminate odors. Container is 12 ounce shaker can. Packed 6 cans per case. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech ES-166	Bied	6/1#	39.65		
D-9 Wasp & Hornet Killer: Solvent-based formula that delivers 15 foot stream from aerosol activator. Drops wasps, hornets and bees instantly. Kills with a residual action as insects return to nest. 14 oz Aerosol can. Package 12 cans to a case. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech ES-005	Hitech	12/14	39.38		
D-10 Dust Mop Treatment: For all types of floors, when used properly it shall uniformly impregnate the fibers of the dust cloth or dust mops to increase their ability to trap and hold dust and dirt containers must be marked with brand name. Contents must be an oil modified. STATE PACKAGING PRICE AND PRICE PER ITEM/ SAMPLE REQUIRED	Hitech ES-5943-4	Hitech	PK 4/1 gallon case	49.15	* 10% Louisiana Preference	How many, etc.

F-2

SAFETY DATA SHEET

Item # 01

1. Identification

Product number 1000009886
Product identifier EJ-750 HI-TECH SPARKLE GLASS CLEANER
Company Information Economical Janitorial & Paper Supplies, Inc.
1420 Sams Ave.
Suite F
Harahan, LA 70123 United States
General Assistance 1-800-735-6745
1-866-836-8855
1-952-852-4646

Company phone
Emergency telephone US
Emergency telephone outside US
Version # 01

Recommended use Cleaner
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements



Danger

Hazard statement Extremely flammable aerosol.

Precautionary statement

Prevention
Response
Storage
Disposal
Hazard(s) not otherwise classified (HNOC)
Supplemental information

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.
Wash hands after handling.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of waste and residues in accordance with local authority requirements.
None known.
None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
2-Butoxyethanol		111-76-2	2.5 - 10
Isopropyl Alcohol		67-63-0	2.5 - 10
Butane		106-97-8	1 - 2.5
Propane		74-98-6	1 - 2.5
Other components below reportable levels			
Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.			
90 - 100			

4. First-aid measures

Inhalation
If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

Product name: 19 OZ HI-TECH SPARKLE GLASS CLNR LB 12PK

Product #: 1000009886 Version #: 01 Issue date: 11-14-2016

Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
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	Not available.
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.
Specific protective equipment and precautions for firefighters	During fire, gases hazardous to health may be formed.
Fire fighting equipment/instructions	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Specific methods	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.
General fire hazards	Use standard fire fighting 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.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Extremely flammable aerosol.
Methods and materials for containment and cleaning up	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. 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.
Environmental precautions	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. For waste disposal, see section 13 of the SDS.
7. Handling and storage	
Precautions for safe handling	Avoid discharge into drains, water courses or onto the ground.
Conditions for safe storage, including any incompatibilities	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. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Level 1 Aerosol.	
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).	

8. Exposure controls/personal protection

Occupational exposure limits
US, OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m ³
Isopropyl Alcohol (CAS 67-63-0)	PEL	50 ppm
Butane (CAS 106-97-8)	PEL	980 mg/m ³
Propane (CAS 74-98-6)	PEL	400 ppm
US, ACGIH Threshold Limit Values		1000 ppm

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	20 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	1000 ppm
Butane (CAS 106-97-8)	STEL	400 ppm
US, NIOSH: Pocket Guide to Chemical Hazards		200 ppm

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m ³
Butane (CAS 106-97-8)	TWA	5 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	1225 mg/m ³
Propane (CAS 74-98-6)	TWA	1800 mg/m ³

Components	Type	Value
2-Butoxyethanol (CAS 111-76-2)	TWA	200 mg/m ³
Isopropyl Alcohol (CAS 67-63-0)	TWA	400 ppm
Butane (CAS 106-97-8)	TWA	980 mg/m ³
Propane (CAS 74-98-6)	TWA	1000 ppm

ACGIH Biological Exposure Indices	Value	Determinant	Specimen	Sampling Time
2-Butoxyethanol (CAS 111-76-2)	200 mg/m ³	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
Isopropyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

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

Exposure guidelines

US - California OELs: Skin designation
2-Butoxyethanol (CAS 111-76-2)
US - Minnesota Haz Subs: Skin designation applies
2-Butoxyethanol (CAS 111-76-2)
US - Tennessee OELs: Skin designation
2-Butoxyethanol (CAS 111-76-2)

Skin designation applies.

Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation
2-Butoxyethanol (CAS 111-76-2)
US, OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Can be absorbed through the skin.

Can be absorbed through the skin.

2-Butoxyethanol (CAS 111-76-2)

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.

Product name: 19 OZ HI-TECH SPARKLE GLASS CLNR LB 12PK
Product #: 10000099886 Version #: 01 Issue date: 11-14-2016

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	212 °F (100 °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 (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	23.01 psig @70°F 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	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.977 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.				
	Avoid temperatures exceeding the flash point. Contact with incompatible materials.				
	Incompatible materials				
	Hazardous decomposition products				
	11. Toxicological information				
	Information on likely routes of exposure				
	Inhalation				
	Skin contact				
	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.				
	Eye contact				
Direct contact with eyes may cause temporary irritation.					
Ingestion					
Expected to be a low ingestion hazard.					
Symptoms related to the physical, chemical and toxicological characteristics					
Information on toxicological effects					
Acute toxicity					
Components					
Species					
Test Results					
Acute	2-Butoxyethanol (CAS 111-76-2)	Dermal	LD50	Guinea pig	7.3 ml/kg, 4 Days
				Rabbit	0.23 ml/kg, 24 Hours
		Rabbit	435 mg/kg, 24 Hours		
			0.68 ml/kg, 24 Hours		
		Rat	0.63 ml/kg		
		Inhalation	Rabbit	400 ppm, 7 Hours	
			Rat	450 ppm, 4 Hours	
		Oral	Rabbit	695 mg/kg	
			Dog	> 695 mg/kg	
		LD50	Guinea pig	1414 mg/kg	
Mouse	1519 mg/kg				
	Rat	1746 mg/kg			
	Acute	Inhalation	LC50	Butane (CAS 106-97-8)	
LC50			Isopropyl Alcohol (CAS 67-63-0)		
Acute	Inhalation	LC50	Mouse	1237 mg/l, 120 Minutes	
			Rat	52 %, 120 Minutes	
LD50	Rabbit	1355 mg/l			
Dermal	LD50	Rabbit	16.4 ml/kg, 24 Hours		
			Rat	> 10000 ppm, 6 Hours	
Inhalation	LC50	Rat			

Components Species Test Results

Oral	Rat	5.84 g/kg
LD50		
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	Not applicable.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin 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	
2-Butoxyethanol (CAS 111-76-2)	3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
US. National Toxicology Program (NTP) Report on Carcinogens	Not regulated.
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	Not likely, due to the form of the product.
Chronic effects	May be harmful if absorbed through skin. Prolonged inhalation may be harmful.
	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

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
2-Butoxyethanol (CAS 111-76-2)		
Aquatic		
Fish	LC50	
Inland silverside (Menidia beryllina)		1250 mg/l, 96 hours
Aquatic		
Algae	IC50	
Algae		1000,0001 mg/L, 72 Hours
Crustacea	EC50	
Daphnia		13299 mg/L, 48 Hours
Fish	LC50	
Bluegill (Lepomis macrochirus)		> 1400 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.

IMDG	UN number	UN1950	AEROSOLS
	UN proper shipping name		
	Packaging Exceptions	LTD QTY	
	Cargo aircraft only	Allowed with restrictions.	
	aircraft		
	Passenger and cargo	Allowed with restrictions.	
	Other information		
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.	
	ERG Code	10L	
	Environmental hazards	No.	
ATA	Packing group	Not applicable.	
	Label(s)	2.1	
	Subsidiary risk	-	
	Class	2.1	
	Transport hazard class(es)		
	UN proper shipping name	Aerosols, flammable	
	UN number	UN1950	
	and may be used now in place of the "Consumer Commodity ORM-D" marking.		
	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		

DOT	UN number	UN1950	Aerosols, flammable, (each not exceeding 1 L capacity)
	UN proper shipping name		
	Transport hazard class(es)	2.1	
	Class	-	
	Subsidiary risk	2.1	
	Label(s)	Not applicable.	
	Packing group	Read safety instructions, SDS and emergency procedures before handling.	
	Special precautions for user	N82	
	Special provisions	306	
	Packaging exceptions	None	
14. Transport information	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.		
	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.		
	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		

Bioaccumulative potential	Partition coefficient n-octanol / water (log Kow)	0.83		
	2-Butoxyethanol	2.89		
	Butane	0.05		
	Isopropyl Alcohol	2.36		
	Propane	No data available.		
	Mobility in soil	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		
	Other adverse effects	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.		
	Disposal instructions	Dispose in accordance with all applicable regulations.		
	Local disposal regulations	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				

Transport hazard class(es)

SARA 313 (TRI reporting)		Chemical name	CAS number	% by wt.
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				
Not regulated.				
(SDWA)				
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))				
2-Butoxyethanol (CAS 111-76-2)				
Butane (CAS 106-97-8)				
Isopropyl Alcohol (CAS 67-63-0)				
US, Massachusetts RTK - Substance List				
2-Butoxyethanol (CAS 111-76-2)				
Butane (CAS 106-97-8)				
Isopropyl Alcohol (CAS 67-63-0)				
US, New Jersey Worker and Community Right-to-Know Act				
2-Butoxyethanol (CAS 111-76-2)				
Butane (CAS 106-97-8)				
Isopropyl Alcohol (CAS 67-63-0)				
Propane (CAS 74-98-6)				
US, Pennsylvania Worker and Community Right-to-Know Law				
2-Butoxyethanol (CAS 111-76-2)				
Butane (CAS 106-97-8)				
Isopropyl Alcohol (CAS 67-63-0)				
Propane (CAS 74-98-6)				
US, Rhode Island RTK				
2-Butoxyethanol (CAS 106-97-8)				
Isopropyl Alcohol (CAS 67-63-0)				
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)	Yes		
New Zealand	New Zealand Inventory	Yes		
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes		

Country(s) or region
Inventory name
Inventory (yes/no)*
On inventory (yes/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

11-14-2016

Version #

01

Disclaimer

We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Revision information

Product and Company Identification: Alternate Trade Names

SAFETY DATA SHEET

Item # 14

1. Identification

Product number 1000008142

Product identifier

Company information

Claire Manufacturing Co.
1005 S. Westgate Drive
Addison, IL 60101 United States

General Assistance 1-630-543-7600

Company phone

1-866-836-8855

Emergency telephone US

1-952-852-4646

Emergency telephone outside US

Recommended use

Not available.

Recommended restrictions

None known.

2. Hazard(s) identification

Physical hazards

Flammable aerosols

Health hazards

Aspiration hazard

Environmental hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements

Danger

Extremely flammable aerosol. May be fatal if swallowed and enters airways.

Signal word

Hazard statement

Precautionary statement

Response

Storage

Disposal

Hazard(s) not otherwise classified (HNOC)

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

Chemical name

Common name and synonyms

CAS number

%

Distillates (Petroleum), Hydrotreated Light

Propane

White Mineral Oil

Other components below reportable levels

2.5 - 10

10 - 20

10 - 20

60 - 80

4. First-aid measures

Inhalation

If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

Product name: DUST UP FLOOR DRESSING & DUSP MOP TREATMENT

Product #: 1000008142 Version #: 01 Issue date: 05-28-2015

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.	
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.	
7. Handling and storage	Avoid discharge into drains, water courses or onto the ground.	
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.	

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	
Propane (CAS 74-98-6)	PEL	1800 mg/m ³	1000 ppm
US. NIOSH: Pocket Guide to Chemical Hazards		Type	
Propane (CAS 74-98-6)	TWA	1800 mg/m ³	1000 ppm

Biological limit values

No biological exposure limits noted for the ingredient(s).
Explosion-proof general and local exhaust ventilation.

Appropriate engineering controls

Individual protection measures, such as personal protective equipment

Face shield is recommended. Wear safety glasses with side shields (or goggles).
Wear appropriate chemical resistant gloves.

Skin protection

Other

Respiratory protection

Wear suitable protective clothing.
If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Wear appropriate thermal protective clothing, when necessary.

Thermal hazards

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.
Aerosol.

Color

Not available.

Odor

Not available.

Odor threshold

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)

Not available.

Solubility (water)

Not available.

Partition coefficient

(n-octanol/water)

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

Chemical stability

The product is stable and non-reactive under normal conditions of use, storage and transport.

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

No hazardous decomposition products are known.

products

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.

Components

Species

Test Results

Distillates (Petroleum), Hydroreated Light (CAS 64742-47-8)

Acute
Dermal
LD50

Rabbit

> 2000 mg/kg

Inhalation
LC50

Rat

> 7.5 mg/l, 6 Hours

> 4.6 mg/l, 4 Hours

Oral
LD50

Rat

> 5000 mg/kg

Propane (CAS 74-98-6)

Acute
Inhalation
LC50

Mouse

1237 mg/l, 120 Minutes

Components

Species	Test Results
Rat	52 %, 120 Minutes
	1355 mg/l
	658 mg/l/4h
White Mineral Oil (CAS 8042-47-5)	
Acute	
Dermal	
LD50	
Rabbit	> 2000 mg/kg, 24 Hours
Inhalation	
LC50	
Rat	2.18 mg/l, 4 Hours
Oral	
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.
Direct contact with eyes may cause temporary irritation.

Respiratory or skin 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.

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

White Mineral Oil (CAS 8042-47-5)

Aquatic

Fish

Rainbow trout,donaldson trout (Oncorhynchus mykiss)

2.9 mg/l, 96 hours

LC50

Fish

LC50

Fish

LC50

Fish

LC50

Fish

LC50

Fish

LC50

Fish

LC50

Fish

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.

Mobility in soil

No data available.

Propane

Partition coefficient n-octanol / water (log Kow)

2.36

Bioaccumulative potential

No data available.

Persistence and degradability

No data is available on the degradability of this product.

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

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) 2.1
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) 2.1
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

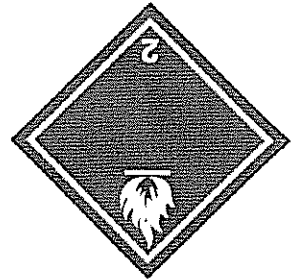
IMDG

UN number UN1950
UN proper shipping name AEROSOLS
Transport hazard class(es) 2.1
Class 2.1
Subsidiary risk -
Label(s) 2.1
Packing group Not applicable.
Environmental hazards No.
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
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)

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

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	Inventary 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.



SAFETY DATA SHEET

Item # 15

1. Identification

Product number
1000007247

Product identifier
PEN-LUBE PENETRATING OIL

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
Lubricant

Recommended restrictions
None known.

2. Hazard(s) identification

Physical hazards
Flammable aerosols

Health hazards
Carcinogenicity

Aspiration hazard

Not classified.

OSHA defined hazards
Not classified.

Label elements
Danger



Signal word
Danger

Hazard statement
Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause cancer.

Precautionary statement
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Wear protective gloves/protective clothing/eye protection/face protection.

Response
If swallowed: Immediately call a poison center/doctor. If exposed or concerned: Get medical advice/attention. 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	40 - 60
Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic		64742-65-0	10 - 20
Diethylene Glycol Monobutyl Ether		112-34-5	2.5 - 10

Product name: PEN-LUBE PENETRATING OIL

Product #: 1000007247 Version #: 01 Issue date: 06-02-2015

Chemical name	Common name and synonyms	CAS number	%
Propane		74-98-6	2.5 - 10
Other components below reportable levels			
*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. If exposed or concerned: Get medical advice/attention. 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.
Special protective equipment and precautions for firefighters	During fire, gases hazardous to health may be formed.
Fire-fighting equipment/instructions	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Specific methods	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.
General fire hazards	Use standard fire-fighting 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. 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

Conditions for safe storage, including any incompatibilities

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Avoid prolonged exposure. Provide adequate ventilation. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

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	
US. ACGIH Threshold Limit Values		Type		Value	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)		TWA		10 ppm	
US. NIOSH: Pocket Guide to Chemical Hazards		Type		Value	
Propane (CAS 74-98-6)		TWA		1800 mg/m3	
				1000 ppm	
				Inhalable fraction and vapor.	

Biological limit values

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

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. 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

Wear safety glasses with side shields (or goggles).

Hand protection

Wear appropriate chemical resistant gloves.

Skin protection

Wear suitable protective clothing. Use of an impervious apron is recommended.

Other

Skin 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.

Product name: PENI-LUBE PENETRATING OIL

Product #: 1000007247 Version #: 01 Issue date: 06-02-2015

Color	Amber. Dark brown.
Odor	characteristic
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	182.69 °F (83.71 °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	0.9 % estimated
Flammability limit - lower (%)	9.5 % estimated
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	38 - 48 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	490.98 °F (254.99 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	33 in estimated
Flame extension	0.831 - 0.851 estimated
Specific gravity	
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	Prolonged inhalation may be harmful.
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.

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

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

Acute

Dermal

LD50

Guinea pig

2 ml/kg, 2 Days

2764 mg/kg, 24 Hours

Oral

LD100

Rabbit

4000 mg/kg

Guinea pig

2000 mg/kg

Mouse

2410 mg/kg

Rabbit

2500 - 3000 mg/kg

Rat

3306 mg/kg

Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic (CAS 64742-65-0)

Acute

Dermal

LD50

Rabbit

> 2000 mg/kg

> 2000 mg/kg, 24 Hours

Oral

LD50

Rat

5000 mg/kg

Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)

Acute

Dermal

LD50

Rabbit

> 2000 mg/kg

> 2000 mg/kg, 24 Hours

Inhalation

LC50

Rat

> 7.5 mg/l, 6 Hours

> 4.6 mg/l, 4 Hours

Oral

LD50

Rat

> 5000 mg/kg

Propane (CAS 74-98-6)

Acute

Inhalation

LC50

Mouse

1237 mg/l, 120 Minutes

52 %, 120 Minutes

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.

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

May cause cancer.

Product name: PENI-LUBE PENETRATING OIL

Product #: 1000007247 Version #: 01 Issue date: 06-02-2015

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - Not classified.

single exposure

Specific target organ toxicity - Not classified.

repeated exposure

Aspiration hazard

May be fatal if swallowed and enters airways.

Chronic effects

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.

Product	Species	Test Results
PENI-LUBE PENETRATING OIL (CAS Mixture)		
Aquatic		
Crustacea	Daphnia	5668.3096 mg/L, 48 Hours estimated
Fish	Fish	17,2181 mg/L, 96 Hours estimated
Components		
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)		
Aquatic		
Fish	LC50	
Bluegill (Lepomis macrochirus)		
1300 mg/L, 96 hours		
Distillates (Petroleum) Solvent-dewaxed Heavy Paraffinic (CAS 64742-65-0)		
Aquatic		
Crustacea	EC50	
Daphnia		
1000.0001 mg/L, 48 Hours		
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Aquatic		
Fish	LC50	
Rainbow trout,donaldson trout (Oncorhynchus mykiss)		
2.9 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 No data available.

Partition coefficient n-octanol / water (log Kow)

0.56

Propane

Mobility in soil

2.36

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

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 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 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.

ERG Code 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

Allowed.

aircraft

Cargo aircraft only

Allowed.

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

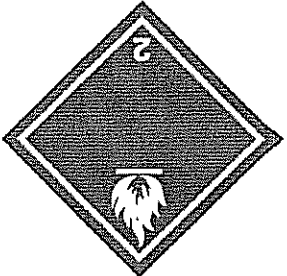
the IBC Code

DOT



Product name: PENN-LUBE PENETRATING OIL

Product #: 1000007247 Version #: 01 Issue date: 08-02-2015



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 - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

No

chemical

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

Not regulated.

(SDWA)

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)

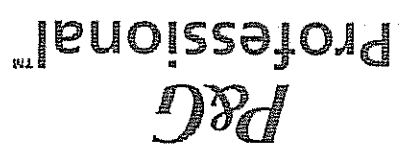
US, California Proposition 65

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 Substances (EINECS)	No
		Europe	European List of Notified Chemical Substances (ELINCS)	No
		Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
		Korea	Existing Chemicals List (ECL)	Yes
		New Zealand	New Zealand Inventory	Yes
		Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
		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	06-02-2015			
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.			

Item # D7

SAFETY DATA SHEET



Issuing Date: 16-Jan-2015

Revision Date: 07-Apr-2015

Version 2

1. IDENTIFICATION

Product Name Comet® Disinfecting Cleaner with Bleach - Ready to Use

Product Code(s) 3-40

Product ID: 92381809_PROF_NG

Product Type: Finished Product - Professional Use Only

Recommended Use Disinfectant

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

Manufacturer Procter & Gamble Professional

2 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.lm@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

Signal Word

Category 2B

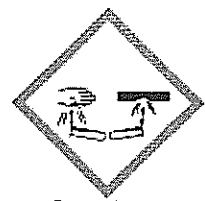
Category 1

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 - 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 - Store in corrosive resistant container

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

Hazards not otherwise classified None

(HNO₃)

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, monooctyl ester, sodium salt (1:1)	-	No	142-31-4	1 - 5
Sulfuric acid monododecyl ester sodium salt (1:1)	-	No	151-21-3	1 - 5
Sodium hypochlorite	-	No	7681-52-9	1 - 5

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, None under normal use conditions.

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.
-------------------------	---

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 CONTROL/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

No exposure limits noted for ingredient(s).

Engineering Measures

Distribution, Workplace and Household Settings:
Ensure adequate ventilation

Personal Protective Equipment

Eye Protection

Distribution, Workplace and Household Settings:

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

No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Use appropriate eye protection

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Protective gloves

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
Wear suitable protective clothing

Distribution, Workplace and Household Settings:
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):
In case of insufficient ventilation wear suitable respiratory equipment

Hand Protection

Skin and Body Protection

Respiratory Protection

Physical State @20°C

Appearance

liquid
clear light yellow
Scented

Odor threshold

No information available

Property

Values
12.6 - 13.4

Note

Melting/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 Limits in Air

No information available

Upper flammability limit

No information available

Lower flammability limit

No information available

Vapor pressure

No information available

Vapor density

No information available

Relative density

1.045

Water solubility

100%

Solubility in other solvents

No information available

Partition coefficient: n-octanol/water

No information available

Autoignition temperature

No information available

Decomposition temperature

No information available

Viscosity of Product

No information available < 10 cps

Oxidizing properties

VOC Content (%)

These substances will accelerate burning when involved in a fire.
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.

Materials to avoid Do not mix with other cleaning products or chemicals as irritating fumes may be formed.

Hazardous Decomposition Products None under normal use.

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	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sulfuric acid monododecyl ester sodium salt (1:1)	151-21-3	977 mg/kg bw (OECD 401; rat)	> 500 mg/kg bw (Read across data C10-16ASO ₄ , NH ₄ ; guideline: Standard procedure; rabbit; based on active ingredient)	-
Sodium hypochlorite	7681-52-9	626 mg/kg bw (Similar to OECD 401; standard acute method; rat)	> 20000 mg/kg bw (Guideline: 16 CFR 1500.40 and similar to OECD 402; rabbit)	> 10.5 mg/L air (Similar to OECD 403; rat; 1 h)

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

Waste from Residues / Unused Products

Products covered by this MSDS, 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 331 (non-household setting)

14. TRANSPORT INFORMATION

DOT

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 Provisions IB3, T7, TP1, TP28
Emergency Response Guide 154
Number

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
Environmental Hazards Marine pollutant
Special precautions for user F-A, S-B
Ems-No 274, 223

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
ERG Code 8L
Special precautions for user A3, A803

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 TPD
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

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
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
CEPA - Canadian Environmental Protection Act

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 or 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.

EPA Registration number: 3573-77
CAUTION

HARMFUL IF ABSORBED THROUGH SKIN
Causes moderate eye irritation

16. OTHER INFORMATION

HMS Ratings
Health hazard 2
Flammability 1
Physical hazard 0

NFPA Ratings
Health hazard 2
Flammability 1
Instability 0

Issuing Date: 16-Jan-2015
Revision Date: 07-Apr-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 SDS

SAFETY DATA SHEET

Item # 18

1. Identification			
Product number	1000007838		
Product identifier	EJ-015 HI-TECH RE-FRESH HOSPITAL DIS		
Revision date	11-11-2016		
Company information	Economic 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 #	10		
Supersedes date	02-09-2016		
Recommended use	Disinfectant		
Recommended restrictions	None known.		
2. Hazard(s) identification			
Physical hazards	Flammable aerosols		
Health hazards	Sensitization, skin		
OSHA defined hazards	Not classified.		
Label elements	<div></div>		
Signal word	Danger		
Hazard statement	Extremely flammable aerosol. May cause an allergic skin reaction.		
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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.		
Response	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.		
Storage	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.		
Environmental hazards	Hazardous to the aquatic environment, acute Category 3		
Hazard(s) not otherwise classified (HNOC)	Hazardous to the aquatic environment, long-term hazard Category 3		
Supplemental information	None.		
3. Composition/information on ingredients			
Chemical name	Common name and synonyms	CAS number	%
Ethyl Alcohol		64-17-5	40 - 60

Product name: 15.5 OZ HI-TECH RE-FRESH H DSNFCT LB 12PK
Version #: 1000007838
Revision date: 11-11-2016
Issue date: 05-06-2015
sds us
1 / 10

Chemical name	Common name and synonyms	CAS number	%
Butane		106-97-8	10 - 20
Propane		74-98-6	2.5 - 10
Biphenyl-2-ol		90-43-7	0.1 - 1
Lemon Terpenes		68917-33-9	0.1 - 1
Sodium Nitrite		7632-00-0	0.1 - 1
Other components below reportable levels			20 - 40
*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.			

4. First-aid measures

Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact
In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact
Rinse with water. Get medical attention if irritation develops and persists.
Ingestion
Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed
Headache. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.
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
Wash contaminated clothing before reuse.

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.
Specific 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 fire fighting 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. 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. Prevent product from entering drains. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. 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, skin, and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Level 2 Aerosol.
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).

8. Exposure controls/personal protection

Occupational exposure limits
US, OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components			Value		
US, ACGIH Threshold Limit Values			Type		
Ethyl Alcohol (CAS 64-17-5)	PEL	1900 mg/m ³	PEL	1000 ppm	1000 ppm
		1800 mg/m ³			
		1000 ppm			
Propane (CAS 74-98-6)			Type		
Components			Value		
Butane (CAS 106-97-8)	STEL	1000 ppm	STEL	1000 ppm	1000 ppm
Ethyl Alcohol (CAS 64-17-5)			Type		
US, NIOSH: Pocket Guide to Chemical Hazards			Value		
Butane (CAS 106-97-8)	TWA	1900 mg/m ³	TWA	800 ppm	1000 ppm
		1900 mg/m ³			
		1000 ppm			
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m ³	TWA	1000 ppm	1000 ppm
		1800 mg/m ³			
		1000 ppm			
Propane (CAS 74-98-6)			Type		
Components			Value		
Butane (CAS 106-97-8)	TWA	1900 mg/m ³	TWA	800 ppm	1000 ppm
		1900 mg/m ³			
		1000 ppm			
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m ³	TWA	1000 ppm	1000 ppm
		1800 mg/m ³			
		1000 ppm			

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
Face shield is recommended. Wear safety glasses with side shields (or goggles).

Skin protection
For prolonged or repeated skin contact use suitable protective gloves.

Hand protection
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Other
Wear appropriate thermal protective clothing, when necessary.

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. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Product name: 15.5 OZ HI-TECH RE-FRSH H DSNFCT LB 12PK

Product #: 1000007838 Version #: 10 Revision date: 11-11-2015 Issue date: 05-06-2015

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	161.21 °F (71.78 °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 4.3 % estimated
	Flammability limit - upper Not available.
	Explosive limit - lower (%) Not available.
	Explosive limit - upper (%) Not available.
Vapor pressure	75 - 85 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	699.8 °F (371 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.79 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	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 No adverse effects due to inhalation are expected.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Headache. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects		
Acute toxicity		
May cause an allergic skin reaction.		
Components	Species	Test Results
Biphenyl-2-ol (CAS 90-43-7)		
Acute	Dermal	LD50
	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation	Rat	> 2000 mg/kg, 24 Hours
	LC50	> 949 mg/m3, If <1L: Consumer Commodity Hours
Oral	Rat	> 36 mg/m3, 4 Hours
	LD50	2733 mg/kg
Butane (CAS 106-97-8)		
Acute	Inhalation	LC50
	Mouse	1237 mg/l, 120 Minutes
Inhalation	Rat	52 %, 120 Minutes
	LC50	1355 mg/l
Ethyl Alcohol (CAS 64-17-5)		
Acute	Inhalation	LC50
	Cat	85.41 mg/l, 4.5 Hours
Inhalation	Mouse	43.68 mg/l, 6 Hours
	Mouse	> 60000 ppm
Rat	Rat	79.43 mg/l, 134 Minutes
	Rat	> 115.9 mg/l, 4 Hours
Oral	Monkey	6000 mg/kg
	Mouse	10500 ml/kg
Pig	Pig	> 5000 mg/kg
	Rat	10470 mg/kg
Propane (CAS 74-98-6)		
Acute	Inhalation	LC50
	Mouse	1237 mg/l, 120 Minutes
Inhalation	Rat	52 %, 120 Minutes
	Rat	1355 mg/l
Oral	Rat	658 mg/l/4h
	LD50	180 mg/kg
* Estimates for product may be based on additional component data not shown.		
Skin corrosion/irritation		
Prolonged skin contact may cause temporary irritation.		

Product name: 15.5 OZ HI-TECH RE-FRESH H DSNFCT LB 12PK

Product #: 1000007838 Version #: 10 Revision date: 11-11-2016 Issue date: 05-06-2015

SOS US

5 / 10

Serious eye damage/eye irritation		Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization		Not a respiratory sensitizer.
Skin sensitization		May cause an allergic skin reaction.
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		3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1004-1050)		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		Not classified.
Specific target organ toxicity - repeated exposure		Not classified.
Aspiration hazard		Not likely, due to the form of the product.
12. Ecological information		
Ecotoxicity		Harmful to aquatic life with long lasting effects.
Components	Species	Test Results
Biphenyl-2-ol (CAS 90-43-7)		
Aquatic		
Crustacea	Water flea (Daphnia magna)	1 - 2.4 mg/l, 48 hours
Fish	Fathead minnow (Pimephales promelas)	3.4 mg/l, 96 hours
Ethyl Alcohol (CAS 64-17-5)		
Aquatic		
Crustacea	Water flea (Daphnia magna)	7700 - 11200 mg/l, 48 hours
Fish	Fathead minnow (Pimephales promelas)	> 100.1 mg/l, 96 hours
Sodium Nitrite (CAS 7632-00-0)		
Aquatic		
Crustacea	Water flea (Daphnia magna)	16.14 - 26.61 mg/l, 48 hours
Crustacea	Greasyback shrimp (Metapenaeus ensis)	0.15 - 0.25 mg/l, 96 hours
Fish	Rainbow trout, dónaldson trout (Oncorhynchus mykiss)	
* 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.		
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.		
Mobility in soil		
No data available.		
Partition coefficient n-octanol / water (log Kow)		
Biphenyl-2-ol		3.09
Butane		2.89
Ethyl Alcohol		-0.31
Propane		2.36

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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
	Dispose in accordance with all applicable regulations.
	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
	Hazardous waste code
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

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.	

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
 DOT



LATA; 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)

Sodium Nitrite (CAS 7632-00-0)

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 - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

chemical

SARA 313 (TRI reporting)

Chemical name

Biphenyl-2-ol

Sodium Nitrite

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)

Bulane (CAS 106-97-8)

Product name: 15.5 OZ HI-TECH RE-FRSH H DSNFCT LB 12PK

Product #: 1000007838 Version #: 10 Revision date: 11-11-2016 Issue date: 05-06-2015

Propane (CAS 74-98-6)
Safe Drinking Water Act
Not regulated.

(SDWA)

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))

Bulane (CAS 106-97-8)
US. Massachusetts RTK - Substance List

Biphenyl-2-ol (CAS 90-43-7)
Bulane (CAS 106-97-8)
Ethyl Alcohol (CAS 64-17-5)
Propane (CAS 74-98-6)
Sodium Nitrite (CAS 7632-00-0)
US. New Jersey Worker and Community Right-to-Know Act

Biphenyl-2-ol (CAS 90-43-7)
Bulane (CAS 106-97-8)
Ethyl Alcohol (CAS 64-17-5)
Propane (CAS 74-98-6)
Sodium Nitrite (CAS 7632-00-0)
US. Pennsylvania Worker and Community Right-to-Know Law

Biphenyl-2-ol (CAS 90-43-7)
Bulane (CAS 106-97-8)
Ethyl Alcohol (CAS 64-17-5)
Propane (CAS 74-98-6)
Sodium Nitrite (CAS 7632-00-0)
US. Rhode Island RTK

Biphenyl-2-ol (CAS 90-43-7)
Bulane (CAS 106-97-8)
Propane (CAS 74-98-6)
Sodium Nitrite (CAS 7632-00-0)

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
Biphenyl-2-ol (CAS 90-43-7)
Listed: August 4, 2000

International Inventories

Country(s) or region	Inventary 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
05-06-2015

Revision date
11-11-2016

Product name: 15.5 OZ HI-TECH RE-FRSH H DSNFCT LB 12PK

Product #: 1000070838 Version #: 10 Revision date: 11-11-2016 Issue date: 05-06-2015

10

Version #

Disclaimer

Revision Information

We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Product and Company Identification: Alternate Trade Names

Item # D9

Safety Data Sheet

Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SECTION 1. IDENTIFICATION

Product Identifier Economical Janitorial & Paper Supplies, LLC Emergency Absorbant
Other Means of Identification 0166EJ
Other Identification D'Vour
Product Family Dry Deodorants
Recommended Use Dry Deodorants.
Restrictions on Use None known.
Manufacturer Economical Janitorial & Paper Supplies, LLC, 1420-F Sams Avenue, Harahan, LA, 70123
Emergency Phone No. InfoTrac, 800 535 5053, 24hr
SDS No. 0735

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2B
GHS Label Elements



Signal Word: Warning

Hazard Statement(s):
H315 Causes skin irritation.
H320 Causes eye irritation.

Precautionary Statement(s):
P264 Wash thoroughly after handling.
P280 Wear protective gloves.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Product Identifier: Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SDS No.: 0735

Date of Preparation: November 02, 2016

Storage: P401

Store in accordance with local, regional, national and international regulations.

Disposal: P501

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Sodium poly acrylate	9003-04-7	98.9	
Other components below reportable levels	No CAS	0.313	
Terpenes and Terpenoids, sweet orange-oil	68647-72-3	0.193	
Precipitated silica	112926-00-8	0.462	
Hydrocarbons, terpene processing by-products	68956-56-9	0.132	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Call a Poison Centre or doctor if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If on skin:

May cause mild irritation.

If in eyes:

May cause mild irritation.

If swallowed:

Can irritate the mouth, throat and stomach.

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 Chemical

Product Identifier:

Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SDS No.:

0735

Date of Preparation:

November 02, 2016

Can ignite if strongly heated.
 This product presents no unusual hazards in a fire situation.
 Not known to generate any hazardous decomposition products in a fire.
Special Protective Equipment and Precautions for Fire-fighters
 No special precautions are necessary.
 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
 No special precautions are necessary.
Environmental Precautions
 It is good practice to prevent releases into the environment.
Methods and Materials for Containment and Cleaning Up
 No special clean-up methods are necessary.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling
 No special handling precautions are necessary.
Conditions for Safe Storage
 No special requirements for storage area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

ACGIH TLV®		OSHA PEL		AIHA WEEL	
TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
3 mg/m ³		5 mg/m ³		Precipitated silica	

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.
Individual Protection Measures
Eye/Face Protection
 Not required if product is used as directed.
Skin Protection
 Not required, if used as directed.
Respiratory Protection
 Do not breathe in this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance
 powder. Particle Size: Not available
Odour
 Odour (Fragrance)
 Not available
Odour Threshold
 Not available
pH
 Not applicable
Melting Point/Freezing Point
 Not available (melting); Not applicable (freezing)
Initial Boiling Point/Range
 Not applicable
Flash Point
 Not applicable
Evaporation Rate
 Not applicable

Product Identifier:

Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SDS No.:

0735

Date of Preparation:

November 02, 2016

Flammability (solid, gas)

Not available

Upper/Lower Flammability or

Not applicable (upper); Not applicable (lower)

Explosive Limit

Not applicable

Vapour Pressure

Not applicable

Vapour Density (air = 1)

Not applicable

Relative Density (water = 1)

Not applicable

Not applicable in water; Not available (in other liquids)

Solubility

Partition Coefficient,
n-Octanol/Water (Log Kow)

Not applicable

Auto-ignition Temperature

Not applicable

Decomposition Temperature

Not available

Viscosity

Not available (kinematic); Not available (dynamic)

Other Information

Physical State

Solid

Molecular Formula

Not available

Molecular Weight

Not available

Bulk Density

Not available

Surface Tension

Not available

Critical Temperature

Not available

Electrical Conductivity

Not available

Vapour Pressure at 50 deg C

Not available

Saturated Vapour Concentration

Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Ingestion; eye contact; skin contact; inhalation.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Precipitated silica		> 10000 mg/kg (rat)	> 5000 mg/kg (rabbit)

LC50: No information was located.

LD50 (oral): No information was located.

Product Identifier:

Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SDS No.:

0735

Date of Preparation:

November 02, 2016

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

No information was located.

Serious Eye Damage/Irritation

There is limited evidence of very mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Not harmful.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Not known to cause cancer.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

No information was located.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Toxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Product Identifier: Economical Janitorial & Paper Supplies, LLC Emergency Absorbant

SDS No.: 0735

Date of Preparation: November 02, 2016

Product Identifier: Economical Janitorial & Paper Supplies, LLC Emergency Absorbant
 SDS No.: 0735
 Date of Preparation: November 02, 2016
 Page 06 of 06

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

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Special Precautions Not applicable

for User

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

WHMIS Classification

Not a WHMIS controlled product.

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)

Not listed on the DSL or NDSL.

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.

Additional USA Regulatory Lists

Massachusetts Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% w/wt
 New Jersey Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% w/wt
 Pennsylvania Right To Know: 2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0) 0.0033% w/wt.

SECTION 16. OTHER INFORMATION

NFPA Rating

Health - 1 Flammability - 0 Instability - 0

Date of Preparation

November 02, 2016

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.

SAFETY DATA SHEET

Item # 110

1. Identification

Product number 1000000934

Product identifier

EJ-005 HI-TECH WASH & HORNET SPRAY

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

PESTICIDE

Recommended restrictions

None known.

2. Hazard(s) identification

Physical hazards

Flammable aerosols

Health hazards

Germ cell mutagenicity

OSHA defined hazards

Aspiration hazard
Not classified.

Label elements



Signal word

Danger

Hazard statement

Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause genetic defects. May cause cancer.

Precautionary statement

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention.

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.

Environmental hazards

Hazardous to the aquatic environment, acute Category 3

Hazard(s) not otherwise classified (HNOCL)

Combustible. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

Product name: 14 OZ HI-TECH WASH & HORNET LB 12PK

Product #: 1000000934 Version #: 01 Issue date: 11-09-2016

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. 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. Use water spray to reduce vapors or divert vapor cloud drift. 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. Prevent product from entering drains. For waste disposal, see section 13 of the SDS.

6. Accidental release measures

General fire hazards
Extremely flammable aerosol. Combustible.
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.
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.
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.
the chemical
Containers under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Specific hazards arising from media
Suitable extinguishing media
Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.
Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO2).
Do not use water jet as an extinguisher, as this will spread the fire.

5. Fire-fighting measures

General information
If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
Most important symptoms/effects, acute and delayed
Aspiration may cause pulmonary edema and pneumonitis.
Inhalation
If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact
Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact
Rinse with water. Get medical attention if irritation develops and persists.
Ingestion
Rinse mouth. Get medical attention if symptoms occur.

4. First-aid measures

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.			
Chemical name	Common name and synonyms		CAS number
	%		
Distillates (Petroleum), Hydrotreated Light	64742-47-8		80 - 90
Carbon Dioxide	124-38-9		2.5 - 10
Isopropyl Alcohol	67-63-0		2.5 - 10
d-Phenothrin	26002-80-2		0.1 - 1
Solvent Naphtha, Petroleum, Light Aromatic	64742-95-6		0.1 - 1
Tetramethrin	7696-12-0		0.1 - 1
Other components below reportable levels		0.1 - 1	

Environmental precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage
Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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 prolonged or repeated contact with skin. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. **WARNING:** Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.
Level 3 Aerosol.
Conditions for safe storage, including any incompatibilities
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

US, OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Type	Value	
Carbon Dioxide (CAS 124-38-9)	PEL	9000 mg/m3	
Isopropyl Alcohol (CAS 67-63-0)	PEL	5000 ppm 980 mg/m3	
US, ACGIH Threshold Limit Values			
Components	Type	Value	
Carbon Dioxide (CAS 124-38-9)	STEL	30000 ppm	
Isopropyl Alcohol (CAS 67-63-0)	TWA	5000 ppm	
	STEL	400 ppm	
US, NIOSH: Pocket Guide to Chemical Hazards			
Components	Type	Value	
Carbon Dioxide (CAS 124-38-9)	STEL	54000 mg/m3	
Isopropyl Alcohol (CAS 67-63-0)	TWA	30000 ppm	
	STEL	9000 mg/m3	
	TWA	5000 ppm	
	STEL	1225 mg/m3	
	TWA	500 ppm	
	STEL	980 mg/m3	
	TWA	400 ppm	
Biological limit values			
ACGIH Biological Exposure Indices			
Components	Value	Determinant	Specimen
Isopropyl Alcohol (CAS 67-63-0)	40 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.
Individual protection measures, such as personal protective equipment		Chemical goggles are recommended.
Skin protection		Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Hand protection		Use of an impervious apron is recommended.
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		Observe any medical surveillance requirements. 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		Gas.
Physical state		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		180.5 °F (82.5 °C) estimated
Flash point		226.0 °F (107.8 °C) estimated
Evaporation rate		Not available.
Flammability (solid, gas)		Not available.
Upper/lower flammability or explosive limits		Not available.
Flammability limit - lower (%)		0.5 % estimated
Flammability limit - upper (%)		Not available.
Explosive limit - lower (%)		Not available.
Explosive limit - upper (%)		Not available.
Vapor pressure		90 - 110 psig @70F estimated
Vapor density		Not available.
Relative density		Not available.
Solubility(ies)		Not available.
Solubility (water)		Not available.
Partition coefficient (n-octanol/water)		Not available.
Auto-ignition temperature		421 °F (216.11 °C) estimated
Decomposition temperature		Not available.
Viscosity		Not available.
Other information		Not available.
Explosive properties		Not explosive.
Oxidizing properties		Not oxidizing.
Specific gravity		0.829 estimated

10. Stability and reactivity

Reactivity
 Chemical stability
 The product is stable and non-reactive under normal conditions of use, storage and transport.
 Possibility of hazardous reactions
 Conditions to avoid
 Incompatible materials
 Acids. Strong oxidizing agents. Isocyanates. Chlorine.
 Hazardous decomposition products
 No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure
 Inhalation
 Prolonged inhalation may be harmful.
 Skin contact
 No adverse effects due to skin contact are expected.
 Eye contact
 Direct contact with eyes may cause temporary irritation.
 Ingestion
 Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
 Symptoms related to the physical, chemical and toxicological characteristics
 Information on toxicological effects
 Acute toxicity
 May be fatal if swallowed and enters airways.

Product	Species	Test Results
14 OZ HITTECH WASP & HORNET LB 12PK		
Acute		
Dermal	Rat	2237 mg/kg
Inhalation		
LD50	Rat	6 mg/l/4h
LC50		
Oral		
LD50	Rat	
Components	Species	Test Results
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Acute		
Dermal	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 7.5 mg/l, 6 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Isopropyl Alcohol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	16.4 ml/kg, 24 Hours
Inhalation		
LC50	Rat	> 10000 ppm, 6 Hours
Oral		
LD50	Rat	5.84 g/kg

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

Acute		
Dermal		
LD50	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 5000 mg/m3, 4 Hours
		> 4980 mg/m3
		> 4980 mg/m3, 4 Hours
		> 4.96 mg/l, 4 Hours

Oral		
LD50	Rat	4820 mg/kg
Acute		
Oral		
LD50	Rat	4640 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 May cause genetic defects.
 Carcinogenicity May cause cancer.

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 - Not classified.
 single exposure
 Specific target organ toxicity - Not classified.
 repeated exposure
 Aspiration hazard May be fatal if swallowed and enters airways.
 Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Product	Species	Test Results
14 OZ HITTECH WASP & HORNET LB 12PK		
Aquatic		
Algae	IC50	11769 mg/L, 72 Hours
Crustacea	EC50	629 mg/L, 48 Hours
Fish	LC50	48,7193 mg/L, 96 Hours

Product name: 14 OZ HITTECH WASP & HORNET LB 12PK

Product #: 1000000934 Version #: 01 Issue date: 11-09-2016

UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
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	NA2
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

14. Transport information

DOT	
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.

13. Disposal considerations

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.
Partion coefficient n-octanol / water (log Kow)	0.05 4.73
Mobility in soil	No data available.
Persistence and degradability	<p>* Estimates for product may be based on additional component data not shown.</p> <p>No data is available on the degradability of this product.</p>
Bioaccumulative potential	

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
Isopropyl Alcohol (CAS 67-63-0)		
Aquatic	Algae	
IC50	Algae	1000.0001 mg/L, 72 Hours
Crustacea	Daphnia	13299 mg/L, 48 Hours
Fish	Bluegill (Lepomis macrochirus)	> 1400 mg/L, 96 hours
Solvent Naphtha, Petroleum, Light Aromatic (CAS 64742-95-6)		
Aquatic	Crustacea	
EC50	Daphnia	6.14 mg/L, 48 Hours
Tetramethrin (CAS 7696-12-0)		
Aquatic	Fish	
LC50	Carp (Cyprius carpio)	0.095 - 0.16 mg/L, 96 hours

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.



IATA; IMDG



DOT

IATA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
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.
IMDG	
Packaging Exceptions	LTD QTY
UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.1
Class	2.1
Subsidiary risk	-
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.
DOT	
Packaging Exceptions	LTD QTY
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Ems	F-D, S-U
Marine pollutant	No.
Environmental hazards	Not applicable.
Packing group	-
Subsidiary risk	-
Class	2.1
Transport hazard class(es)	2.1
UN proper shipping name	AEROSOLS
UN number	UN1950
the IBC Code	
Annex II of MARPOL 73/78 and	
Transport in bulk according to	
Not applicable.	

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 regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting)

Chemical name

d-Phenothrin

Tetramethrin

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

Not regulated.

(SDWA)

FIFRA Information

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.

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))

Isopropyl Alcohol (CAS 67-63-0)

Solvent Naphtha, Petroleum, Light Aromatic (CAS 64742-95-6)

US, Massachusetts RTK - Substance List

Carbon Dioxide (CAS 124-38-9)

Isopropyl Alcohol (CAS 67-63-0)

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

Carbon Dioxide (CAS 124-38-9)

d-Phenothrin (CAS 26002-80-2)

Isopropyl Alcohol (CAS 67-63-0)

Tetramethrin (CAS 7696-12-0)

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

Carbon Dioxide (CAS 124-38-9)

Isopropyl Alcohol (CAS 67-63-0)

US, Rhode Island RTK

d-Phenothrin (CAS 26002-80-2)

Isopropyl Alcohol (CAS 67-63-0)

Tetramethrin (CAS 7696-12-0)

US, California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Cumene (CAS 98-82-8)

Listed: April 6, 2010

Product name: 14 OZ HITTECH WASP & HORNET LB 12PK

Product #: 10000000934 Version #: 01 Issue date: 11-09-2016

International Inventories		16. Other information, including date of preparation or last revision	
Country(s) or region	Inventory name	Revision information	
		Issue date	Version #
Australia	Australian Inventory of Chemical Substances (AICS)	11-09-2016	01
Canada	Domestic Substances List (DSL)		
Canada	Non-Domestic Substances List (NDSL)		
China	Inventory of Existing Chemical Substances in China (IECSC)		
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)		
Europe	European List of Notified Chemical Substances (ELINCS)		
Japan	Inventory of Existing and New Chemical Substances (ENCS)		
Korea	Existing Chemicals List (ECL)		
New Zealand	New Zealand Inventory		
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)		
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory		
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).		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.	
		Product and Company Identification: Alternate Trade Names	

SAFETY DATA SHEET (SDS)

ITEM #158

SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Dust Mop Dressing Oil
CHEMICAL FAMILY: Cleaning Compound
PRODUCT NUMBER: 5042

DISTRIBUTION:

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.
1420 F SMAS AVENUE, HARAHAN, LA 70123 (504) 464-7165EMERGENCY
PHONE NUMBER
(800) -- 525-5052 INFOTRAC

SECTION 2: HAZARDS IDENTIFICATION

Aspiration Toxicity: Category 1

GHS LABEL ELEMENTS:

Signal Word: Danger

Hazard Statements:
May be fatal if swallowed and enters airways

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	%	CAS#
Petroleum Distillate	50-100	64742-46-7

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	>140° F
EXTINGUISHING MEDIA	Water Fog, CO2
SPECIAL FIRE FIGHTING PROCEDURES	Wear full protective clothing and self-contained full-face breathing apparatus.
UNUSUAL HAZARDS	Keep away from open flame.

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 derived from recognized sources believed to be reliable. TRAIS 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 change herein. The above data is supplied upon the condition that customers will evaluate this information and then determine its suitability for their use. Only U.S.A. Regulations apply to the above.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TLV	STL
Petroleum Distillate	Not Available	Not Available	Not Available	5 mg/m ³	10 mg/m ³

RESPIRATORY PROTECTION

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	Clear Yellow Liquid
ODOR	Slight
PH	N/A
RELATIVE DENSITY	Unknown
SOLUBILITY	Miscible
BOILING POINT	355-395° F
FLASH POINT	>120° F
VAPOR PRESSURE	<5 mmHg @ 70° F
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	6.33

SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID INCOMPATIBLE MATERIALS	Heat, Flame, Oxidizing Agents, strong acids and oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	No	HEALTH HAZARDS ACUTE/CHRONIC:
LD50	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 moderate irritation, dermatitis.
ACUTE TOXICITY INFORMATION	No	

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Distillate	>5000mg/kg	>2000mg/kg	>5.2mg/L

SECTION 14: TRANSPORT INFORMATION:

Not Regulated
Non Hazardous

Date: June 1, 2015

Manufacturer:

TRAIS GULF INDUSTRIES INC., PO Box 232819
6101 Humphreys St. Harahan, LA 70123 (504) 733-7855

www.gentryproducts.com



HAZARD

INSTABILITY/REACTIVITY

4.1 FLAMMABLE

3.1 TOXIC

2.1 CORROSIVE

1.1 EXPLOSIVE