

Item # 1

Issue Date No data available

Revision Date 26-Mar-2015

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Pure Bright Germicidal Ultra Bleach 1 GAL

**Other means of identification**

**Product UPC** 59647-21014

**Product Code** 11008635041, 11008635042, 11008638431

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Disinfectant. Cleaning agent. Chlorine-based bleaching agents.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

KIK International LLC  
33 Macintosh Blvd.  
Concord, Ontario  
Canada L4K 4L5  
1-800-479-6603

**Emergency telephone number**

**Emergency Telephone** Poison Control Center (Medical) : (866) 366-5048  
Chemtel (Transportation) 1-888-255-3924

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

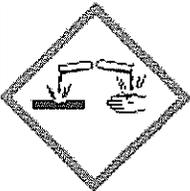
**Label elements**

### Emergency Overview

**Danger**

**Hazard statements**

Causes skin irritation  
Causes serious eye damage



**Appearance** clear, light yellow

**Physical state** liquid

**Odor** Chlorine

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs:  
Get medical advice/attention

**Precautionary Statements - Storage**

Keep out of reach of children. Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well-ventilated place

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

0% of the mixture consists of ingredient(s) of unknown toxicity  
Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Chemical Name	CAS No.	Weight-%	Trade Secret
Sodium hypochlorite	7681-52-9	5-7	*

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

**4. FIRST AID MEASURES**

**Description of first aid measures**

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

**Skin contact** Wash skin with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions                      Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions              See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment                 Prevent further leakage or spillage if safe to do so.

Methods for cleaning up                 Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling                 Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions                        Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials                 Acids, Ammonia.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines                     This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls                     Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection                     Wear safety glasses with side shields (or goggles).

Skin and body protection                Wear protective gloves and protective clothing.

Respiratory protection                 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid	<b>Odor</b>	Chlorine
<b>Appearance</b>	clear, light yellow	<b>Odor threshold</b>	No information available
<b>Color</b>	light yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	-12.5	
Melting point/freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.07 - 1.09	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other Information

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	None
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Incompatible materials. Extremes of temperature and direct sunlight.

### Incompatible materials

Acids, Ammonia.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Product Information**

**Inhalation** Inhalation of vapors in high concentration may cause irritation of respiratory system.  
**Eye contact** Avoid contact with eyes. May cause burns.  
**Skin contact** Avoid contact with skin. May cause irritation.  
**Ingestion** May be harmful if swallowed.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	= 8200 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-

Information on toxicological effects

**Symptoms** No information available.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*Not classifiable as a human carcinogen*

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

Numerical measures of toxicity - Product Information

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

Very toxic to aquatic life with long lasting effects

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium hypochlorite 7681-52-9	0.095: 24 h Skeletonema costatum mg/L EC50	0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow-through 4.5 - 7.6: 96 h Pimephales promelas mg/L LC50 static 0.4 - 0.8: 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.05 - 0.771: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.18 - 0.22: 96 h Oncorhynchus mykiss mg/L LC50 static	2.1: 96 h Daphnia magna mg/L EC50 0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static
Sodium hydroxide 1310-73-2	-	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Disposal of wastes

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

Contaminated packaging

Do not reuse container. Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

DOT

Not regulated

IATA

UN/ID no.

3082

Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class

9

Packing Group

III

Description

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

IMDG

UN/ID no.

3082

Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class

9

Packing Group

III

Marine pollutant

This material meets the definition of a marine pollutant

Description

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (SODIUM HYPOCHLORITE), 9, III

**15. REGULATORY INFORMATION**

International Inventories

TSCA

Complies

DSL/NDSL

Complies

Legend:

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

**SARA 313**

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

**SARA 311/312 Hazard Categories**

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

**CWA (Clean Water Act)**

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

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb	-	-	X

**CERCLA**

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

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hypochlorite 7681-52-9	X	X	X
Sodium hydroxide 1310-73-2	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number 70271-13

**Difference between SDS and EPA Pesticide label**

DANGER: Corrosive. May cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses and rubber gloves when handling this product. Wash after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 1	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 2	Flammability 0	Physical hazards 1	Personal protection B

Revision Date 26-Mar-2015

Revision Note

No information available

**Disclaimer**

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

End of Safety Data Sheet

# SAFETY DATA SHEET (SDS)

Item # 65

**SECTION 1: IDENTIFICATION OF PRODUCT**  
 TRADE NAME: Spotless Cleaner  
 CHEMICAL FAMILY: Cleaning Compound  
 PRODUCT NUMBER: 5334

**SECTION 2: HAZARD(S) IDENTIFICATION**  
 GHS LABEL ELEMENTS:  
 Hazard Category: 2B  
 Signal Word: Warning  
 Symbols: none  
 Hazard Statements:  
 Eyes: Causes Eye Irritation

**PRECAUTIONARY STATEMENTS:** Always handle in accordance with good industrial hygiene and safety practices. 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**

Nonhazardous Ethoxylates	%	CAS#
SODIUM LAURYL ETHER SULFATE	1-5	25154-52-3
water	2-5	500-872-4
	2-5	7732-18-5

Specific chemical identity and/or exact percentage, if 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 immediately.  
**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** None  
**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES**

Wear self-contained full-face breathing apparatus and full protective clothing.  
 None

**UNUSUAL HAZARDS**

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.  
**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children

**SECTION 7: HANDLING AND STORAGE**

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**  
 Chemical Name: Nonphenol Ethoxylates  
 OSHA PEL: Not Available  
 ACGIH: Not Available  
 TLV: Not Available  
 IWA: Not Available  
 STEL: Not Available  
 Sodium Lauryl Ether Sulfate: Not Available  
 water: Not Available

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Yellow  
**ODOR:** Lemon  
**pH:** 7  
**RELATIVE DENSITY:** Unknown  
**SOLUBILITY:** Completely  
**BOILING POINT:** > 212° F  
**FLASH POINT:** N/A  
**VAPOR PRESSURE:** N/A  
**EVAPORATION RATE:** N/A  
**VAPOR DENSITY:** N/A  
**POUNDS PER GALLON:** 8.337

**SECTION 10: STABILITY AND REACTIVITY**  
**STABILITY:** Stable  
**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID INCOMPATIBLE MATERIALS:** Extreme temperatures, strong acids and oxidizers  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO<sub>2</sub>, EO

**SECTION 11: TOXICOLOGICAL INFORMATION**  
**CARCINOGENICITY:** No  
**RTP:** No  
**REPRODUCTION:** No  
**OSHA REGULATED:** No

**Acute Toxicity Information**  
**Oral LD50:** > 2000 mg/kg  
**Dermal LD50:** > 2000 mg/kg  
**Inhalation LC50:** Not Available  
**Eye Irritation:** Not Available  
**Respiratory Irritation:** Not Available  
**Acute Toxicity:** Not Available

**SECTION 12: ECOTOXICITY**

None

**SECTION 13: DISPOSAL INFORMATION**

Not Regulated  
 Non Hazardous

**SECTION 14: TRANSPORT INFORMATION**

Not Regulated  
 Non Hazardous

**SECTION 15: REGULATORY INFORMATION**

None

**SECTION 16: OTHER INFORMATION**

None

**SECTION 17: ADDITIONAL INFORMATION**

None

**SECTION 18: OTHER INFORMATION**

None

**SECTION 19: OTHER INFORMATION**

None

**SECTION 20: OTHER INFORMATION**

None

**SECTION 21: OTHER INFORMATION**

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**SECTION 22: OTHER INFORMATION**

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**SECTION 121: OTHER INFORMATION**

None

**SECTION 122: OTHER INFORMATION**

None

**SECTION 123: OTHER INFORMATION**

None

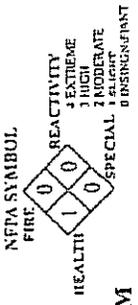
**SECTION 124: OTHER INFORMATION**

None

**SECTION 125: OTHER INFORMATION**

Item # 70

# MATERIAL SAFETY DATA SHEET



TRANS GULF INDUSTRIES INC., PO Box 23809  
 6101 Humphreys St Houston, IA 70183 (504) - 733-7865 Date: JANUARY 1, 2005  
 EMERGENCY PHONE NUMBER (800) - 424-5571 P-CHEM

**SECTION I - TRADE NAME :** PINE ALL TERPENE HYDROCARBON  
**IDENTIFICATION CHEMICAL FAMILY :** TERPENE HYDROCARBON  
**PRODUCT NUMBER :** 5488  
**SHIPPING DESCRIPTION:** CLEANING COMPOUND, NOS

**SECTION II - HAZARDOUS INGREDIENTS**  
 HAZARDOUS COMPONENTS: OSEA PEL ALGHI ILV CAS #  
 MIXTURE OF TERPENE ALCOHOLS N/E  
 AND HYDROCARBONS N/E

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

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

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:**  
 BOILING POINT= 300\* F  
 SPECIFIC GRAVITY (H20 = 1) = .93  
 SOLUBILITY IN WATER = EMULSIFIABLE  
 APPEARANCE = AMBER LIQUID  
 ODOR = PINE  
 VAPOR PRESSURE (mmHg) = N/A  
 VAPOR DENSITY (Air = 1) = N/A  
 EVAPORATION RATE (Buyl Act=1) = 7.75

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA:**  
 FLASH POINT= 167\* F TCC  
 EXTINGUISHING MEDIA = DRY CHEMICAL, FOAM, SPRAY,  
 SPECIAL FIRE FIGHTING = CLASS B FIRE, DO NOT USE WATER,  
 PROCEDURES = SUBSTANCE WILL FLOAT  
 SPARKS AND OPEN FLAME

**SECTION V - REACTIVITY DATA:**  
 STABILITY = STABLE  
 CONDITIONS TO AVOID = NONE  
 POLYMERIZATION = WILL NOT OCCUR  
 CONDITIONS TO AVOID = NONE  
 INCOMPATIBLE MATERIALS = VERY STRONG OXIDIZING AGENTS  
 CO2 AND/OR CARBON MONOXIDE

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

**SECTION VI - HEALTH HAZARDS DATA:**  
 THRESHOLD LIMIT VALUE= N/A  
 CARCINOGENICIT= NO  
 NIP= NO  
 IARC MONOGRAPHS= NO  
 OSHA REGULATED = NO  
 HEALTH HAZARDS: ACUTE TOXICITY TEST ON LABORATORY ANIMALS WARRANTS THE FOLLOWING PRECAUTIONARY STATEMENT.  
 DANGER: CAN CAUSE EYE BURNS AND SKIN IRRITATION.  
 HARMFUL IF SWALLOWED  
 EMERGENCY FIRST AID PROCEDURES =  
 INHALATION =  
 IF SALLOWED DO NOT INDUCE VOMITING; CALL A PHYSICIAN IMMEDIATELY, TAKE MEASURES AGAINST CIRCULATORY SHOCK/RESPIRATORY DEPRESSION AND CONVULSION MAY BE NEEDED.  
 FLUSH WITH LARGE AMOUNTS OF WATER.  
 EYE CONTACT = SEE A PHYSICIAN IMMEDIATELY.  
 SKIN CONTACT = WASH AFFECTED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING:**  
 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
 LARGE SPILLS: CAN BE DIKED WITH EARTH, THEN PUMPED INTO TANK TRUCK FOR DISPOSAL.  
 SMALL SPILLS:  
 ABSORB BY DIRT, SAND OR SUITABLE ABSORBENTS FOR DISPOSAL.  
 WASTE DISPOSAL METHOD: DISPOSE IN LANDFILL APPROVED FOR PESTICIDES  
 DO NOT CONTAMINATE WATER  
 PRECAUTIONS TO TAKE IN HANDLING & STORAGE:  
 FOOD OR FEED, DO NOT STORE OPEN CONTAINER IN CLOSED ROOM.

**SECTION VIII - CONTROL MEASURES:**  
 RESPIRATORY PROTECTION= USE GAS MASK IF VENTILATION IS NOT AVAILABLE.  
 VENTILATION - OPEN CONTAINERS SHOULD HAVE CROSS VENTILATION. OR VENTILATE CLOSED ROOM - BEFORE ENTERING.  
 PROTECTIVE GLOVES= YES  
 EYE PROTECTION= YES  
 OTHER PROTECTIVE MEASURES= NONE

**MANUFACTURER:** TRANS GULF INDUSTRIES, INC.  
 6101 HUMPHREYS STREET  
 PO BOX 23809  
 HOUSTON, IA 70183  
**EMERGENCY PHONE #**  
 DAY M-F (504) - 733-7865  
 NIGHT (800) - 424-5571

# SAFETY DATA SHEET (SDS)

Item # 75

<p><b>SECTION 1: IDENTIFICATION OF PRODUCT</b></p> <p><b>TRADE NAME:</b> Spotless Cleaner  <b>CHEMICAL FAMILY:</b> Cleaning Compound  <b>PRODUCT NUMBER:</b> 5324</p> <p><b>DISTRIBUTOR:</b>          CHEMICAL JOURNAL, INC. P.O. BOX 23809          6100 HUNTERWAY ST. HANAHAN, LA 70833 (504) 733-7865</p> <p><b>SECTION 2: HAZARD(S) IDENTIFICATION</b></p> <p><b>Hazard Category 2B:</b> Skin Irritation          Signal Word: Warning          Hazard Code: 2B</p> <p><b>PRECAUTIONARY STATEMENTS:</b> Always handle in accordance with good industrial hygiene and safety practice. Do not breathe mist, vapors or spray. Always wear appropriate protective clothing. Wash thoroughly after handling. For treatment see section 4 (FIRST AID MEASURES)</p> <p><b>SECTION 3: COMPOSITION</b></p> <p>Benzoic Acid 15          Sodium Lauryl Ether Sulfate 25          Water 60</p> <p><b>SECTION 4: FIRST AID MEASURES</b></p> <p><b>INHALATION:</b> Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.</p> <p><b>INGESTION:</b> Rinse mouth with water. Do not induce vomiting. Get medical attention immediately.</p> <p><b>EYE CONTACT:</b> Flush eyes immediately with large quantities of water for 15 minutes. Hold eyelids open. Get medical attention immediately.</p> <p><b>SKIN CONTACT:</b> Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.</p>	<p><b>SECTION 5: FIRE FIGHTING MEASURES</b></p> <p><b>FLASH POINT:</b> None</p> <p><b>EXTINGUISHING MEDIA:</b> As required by the surrounding fire.</p> <p><b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained full-face breathing apparatus and full protective clothing.</p> <p><b>UNUSUAL HAZARDS:</b> None</p> <p><b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b></p> <p><b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b></p> <p><b>LARGE SPILLS:</b> Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.</p> <p><b>SMALL SPILLS:</b> Spill can be mopped up; then flush contaminated area with plenty of water.</p> <p><b>OTHER PRECAUTIONS:</b> Keep out of reach of children.</p> <p><b>SECTION 7: HANDLING AND STORAGE</b></p> <p>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.</p>	<p><b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:</b></p> <p><b>Chemical Name:</b> Sodium Lauryl Ether Sulfate  <b>OSHA PEL:</b> Not Available  <b>ACGIH:</b> Not Available  <b>TLV:</b> Not Available  <b>IWA:</b> Not Available  <b>STEL:</b> Not Available</p> <p><b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p><b>APPEARANCE:</b> Yellow  <b>SMELL:</b> Faint  <b>PH:</b> 7  <b>RELATIVE DENSITY:</b> Unknown  <b>SOLUBILITY:</b> Completely  <b>BURNING POINT:</b> 272 F  <b>FLASH POINT:</b> N/A  <b>VAPOR PRESSURE:</b> N/A  <b>EVAPORATION RATE:</b> N/A  <b>VAPOR DENSITY:</b> N/A  <b>POUNDS PER GALLON:</b> 8.337</p> <p><b>SECTION 10: STABILITY AND REACTIVITY</b></p> <p><b>STABILITY:</b> Stable  <b>CONDITIONS TO AVOID POLYMERIZATION:</b> Will not occur  <b>CONDITIONS TO AVOID INCORPORATION MATERIALS:</b> Extreme temperatures, strong acids and oxidizers  <b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b> Co2 (G)</p> <p><b>SECTION 11: TOXICOLOGICAL INFORMATION</b></p> <p><b>CARCINOGENICITY:</b> Hg  <b>HP:</b> Hg  <b>ARC HOMOGRAPHS:</b> Hg  <b>OSHA REGULATO:</b> Hg</p> <p><b>Acute Toxicity Information:</b>          Oral LD50: 1600 mg/kg          Dermal LD50: &gt;2000 mg/kg          Inhalation LD50: &gt;2000 mg/kg          Not Available          Not Available</p>
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**SECTION 14: TRANSPORT INFORMATION:**

Not Regulated  
 Non-Hazardous

**Date:** June 1, 2015

**HEALTH HAZARD:** 0  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0

**TRANS GRIFF INDUSTRIES, INC. PO Box 23809  
 6100 Hunterway St. Hanahan, LA 70833 (504) 733-7865  
 www.gentryproducts.com**

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# SAFETY DATA SHEET

Item # 80

Hi-Tech Cream Cleanser

## Section 1. Identification

GHS product identifier : Hi-Tech Cream Cleanser  
Other means of identification : Not available.  
Product type : Liquid.

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

Not applicable.

Supplier's details : Economical Janitorial & Paper Supplies, LLC  
1420-F Sams Avenue  
Harahan, LA 70123  
504-464-7166  
www.economicaljanitorial.com

Emergency telephone number (with hours of operation) : 800-735-6745 24 hour

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Classification of the substance or mixture : ACUTE TOXICITY (inhalation) - Category 4  
SKIN CORROSION - Category 1  
SERIOUS EYE DAMAGE - Category 1  
CARCINOGENICITY - Category 1  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory system) - Category 2

### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Harmful if inhaled.  
Causes severe skin burns and eye damage.  
May cause cancer.  
May cause damage to organs through prolonged or repeated exposure. (respiratory system)

### Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves: > 8 hours (breakthrough time): butyl rubber. Wear eye or face protection: Recommended: safety glasses. Wear protective clothing. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Wash hands thoroughly after handling.

Response : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON

## Section 2. Hazards identification

- POISON CENTER or physician.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

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

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : 077 EC

Ingredient name	%	CAS number
crystalline silica, respirable powder	≥30 - <50	14808-60-7
Alcohols, C9-11, ethoxylated	≥3 - <5	68439-46-3
Benzenesulfonic acid, C10-16-alkyl derivs.	≥1 - <3	68584-22-5

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

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

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

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First aid measures

### Potential acute health effects

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

### Over-exposure signs/symptoms

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

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

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

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
crystalline silica, respirable powder	<p><b>OSHA PEL Z3 (United States, 2/2013).</b>  <b>Notes: 250/(%SiO<sub>2</sub>+5)</b>            TWA: 250 MPPCF / (%SiO<sub>2</sub>+5) 8 hours.            Form: Respirable</p> <p><b>OSHA PEL Z3 (United States, 2/2013).</b>  <b>Notes: 10/(SiO<sub>2</sub>+2)</b>            TWA: 10 MG/M<sup>3</sup> / (%SiO<sub>2</sub>+2) 8 hours. Form:            Respirable</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b>            TWA: 0.1 mg/m<sup>3</sup>, (as quartz) 8 hours. Form:            Respirable dust</p> <p><b>ACGIH TLV (United States, 4/2014).</b>            TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form:            Respirable fraction</p> <p><b>NIOSH REL (United States, 10/2013).</b>            TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable            dust</p>

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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

### Individual protection measures

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

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

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Personal protective equipment (Pictograms)** :



## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Liquid.  
**Color** : Opaque. Off-white. [Dark]  
**Odor** : Minty.  
**Odor threshold** : Not available.  
**pH** : 1.5 to 2.5  
**Melting point** : Not available.  
**Boiling point** : Not available.  
**Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]  
**Evaporation rate** : Not available.  
**Flammability (solid, gas)** : Not available.  
**Lower and upper explosive (flammable) limits** : Not available.  
**Vapor pressure** : Not available.  
**Vapor density** : Not available.  
**Relative density** : 1.24562  
**Solubility** : Very slightly soluble in the following materials: cold water and hot water.  
**Partition coefficient: n-octanol/water** : Not available.  
**Auto-ignition temperature** : Not available.  
**Decomposition temperature** : Not available.  
**Viscosity** : Not available.

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : Attacks many metals producing extremely flammable hydrogen gas which can form explosive mixtures with air.  
Reactive or incompatible with the following materials:  
alkalis

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

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Alcohols, C9-11, ethoxylated	LD50 Dermal	Rabbit	2 g/kg	-
	LD50 Oral	Rat	1378 mg/kg	-
Benzenesulfonic acid, C10-16-alkyl derivs.	LD50 Dermal	Rabbit	2000 mg/kg	-
	LD50 Oral	Rat	775 mg/kg	-

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
crystalline silica, respirable powder	-	1	Known to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
crystalline silica, respirable powder	Category 2	Inhalation	respiratory system

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Dermal.  
Routes of entry not anticipated: Oral, Inhalation.

#### Potential acute health effects

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

#### Symptoms related to the physical, chemical and toxicological characteristics

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

## Section 11. Toxicological information

- Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
 stomach pains

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

#### Short term exposure

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

#### Long term exposure

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

#### Potential chronic health effects

Not available.

- General** : May cause damage to organs through prolonged or repeated exposure.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	41174.9 mg/kg
Dermal	106257.8 mg/kg
Inhalation (dusts and mists)	3.865 mg/l

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Alcohols, C9-11, ethoxylated	Acute EC50 5.36 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute EC50 2686 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 8500 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Benzenesulfonic acid, C10-16-alkyl derivs.	Acute EC50 5.65 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

## Section 12. Ecological information

### Mobility in soil

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

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

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	3265	3265	3265	3265	3265	3265
UN proper shipping name	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)	Corrosive Liquid, Acidic, Organic, N.O.S. (Dodecylbenzene Sulfonic Acid)
Transport hazard class(es)	8 	8 	8 	8 	8 	8 
Packing group	III	III	III	III	III	III
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	<u>Limited quantity</u> Yes.	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8).  <u>Explosive Limit and Limited Quantity Index</u>	-	-	-	-

## Section 14. Transport information

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

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

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined

All components are listed or exempted.

**Clean Water Act (CWA) 311**: sulphuric acid

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
sulphuric acid	<0.1	Yes.	1000	66.3	1000	66.3

**SARA 304 RQ** : 5158814.1 lbs / 2342101.6 kg [496714.7 gal / 1880269.7 L]

### SARA 311/312

**Classification** : Immediate (acute) health hazard  
Delayed (chronic) health hazard

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
crystalline silica, respirable powder	≥30 - <50	No.	No.	No.	Yes.	Yes.
Alcohols, C9-11, ethoxylated	≥3 - <5	No.	No.	No.	Yes.	No.
Benzenesulfonic acid, C10-16-alkyl derivs.	≥1 - <3	No.	No.	No.	Yes.	No.

### State regulations

**Massachusetts** : The following components are listed: SILICA, CRYSTALLINE, QUARTZ

**New York** : None of the components are listed.

**New Jersey** : The following components are listed: SILICA, QUARTZ; QUARTZ (SiO<sub>2</sub>)

**Pennsylvania** : The following components are listed: QUARTZ (SiO<sub>2</sub>)

**California Prop. 65**

## Section 15. Regulatory information

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
crystalline silica, respirable powder	Yes.	No.	No.	No.
titanium dioxide	Yes.	No.	No.	No.
sulphuric acid	Yes.	No.	No.	No.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### International lists

#### National inventory

Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: Not determined.
Japan	: <b>Japan inventory (ENCS):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.

## Section 16. Other information

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

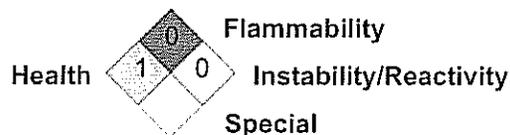
Flammability	*	1
Flammability		0
Physical Hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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

## Section 16. Other information



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

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

### Procedure used to derive the classification

Classification	Justification
Acute Tox. 4, H332	Calculation method
Skin Corr. 1, H314	On basis of test data
Eye Dam. 1, H318	On basis of test data
Carc. 1, H350	Calculation method
STOT RE 2, H373 (respiratory system)	Calculation method

### History

Date of printing : 10/14/2016

Date of issue/Date of revision : 10/14/2016

Date of previous issue : 4/25/2015

Version : 1.01

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

References : Not available.

☑ Indicates information that has changed from previously issued version.

### Notice to reader

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

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

# SAFETY DATA SHEET (SDS)

IT 17 # 85

### SECTION 1: IDENTIFICATION OF PRODUCT

TRADE NAME: Aluminum Brightener 365.  
 CHEMICAL FAMILY: ACID COMPOUND  
 PRODUCT NUMBER: 5365

Distributor:  
 ECONOMIC JANITORIAL & PAPER SUPPLIES, INC.  
 1420-F SAMS AVENUE, HARRAHAN, LA 70123 (504) 464-7165  
 (800) -- 535-5353 INFOTRAC

### SECTION 2: HAZARD(S) IDENTIFICATION

GHS LABEL ELEMENTS, Symbols:  
 Signal Word: DANGER

Hazard Statements:

Skin Corrosion/Irritation: Category 1 Sub-category 2  
 Serious Eye Damage/Eye Irritation: Category 1  
 Causes severe skin burns and serious eye damage.  
 May be corrosive to metals. Harmful if swallowed or inhaled.



PRECAUTIONARY STATEMENTS: Always handle in accordance with good industrial hygiene and safety practices. 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#	%
Hydrofluoric Acid	7664-39-3	1-5
Phosphoric Acid	7664-38-2	1-5
2-Butoxyethanol	111-76-2	1-5
Linear ethoxylate	34398-01-1	30-50

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

### SECTION 4: FIRST AID MEASURES

<b>INHALATION</b>	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
<b>INGESTION</b>	Give large quantities of water. Do not induce vomiting. Get medical attention immediately.
<b>EYE CONTACT</b>	Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
<b>SKIN CONTACT</b>	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

<b>FLASH POINT</b>	None
<b>EXTINGUISHING MEDIA</b>	As required by the surrounding fire.
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	Wear self-contained full-face breathing apparatus and full protective clothing.
<b>UNUSUAL HAZARDS</b>	Reaction with metals emits flammable H gas

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>LARGE SPILLS:</b>	Stop leaks and contain spill. remove and neutralize spill area with inorganic acid and flood with water. All cleanup material should be stored in approved containers for proper disposal.
<b>SMALL SPILLS:</b>	Spill can be mopped up, then flush contaminated area with plenty of water.
<b>OTHER PRECAUTIONS:</b>	Keep out of reach of children.

### SECTION 7: HANDLING AND STORAGE

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

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Hydrofluoric Acid	25 ppm	Not available	Not available	Not available	Not available
Phosphoric Acid	1 mg/m <sup>3</sup>	Not available	Not available	Not available	3 mg/m <sup>3</sup>
2-Butoxyethanol	Not available	Not available	Not available	240 mg/m <sup>3</sup>	Not available
Linear ethoxylate	Not available	Not available	Not available	Not available	Not available

### SECTION 9: OTHER PROTECTIVE MEASURES

**RESPIRATORY PROTECTION** Yes  
**VENTILATION** Yes  
**PROTECTIVE GLOVES** Yes  
**EYE PROTECTION** Yes  
 Apron and other protective equipment should be worn to prevent contact with skin and clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Clear Liquid
<b>ODOR</b>	Acidic
<b>pH</b>	1-2
<b>RELATIVE DENSITY</b>	Unknown
<b>SOLUBILITY</b>	Completely
<b>BOILING POINT</b>	>220° F
<b>FLASH POINT</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>VAPOR DENSITY</b>	N/A
<b>POUNDS PER GALLON</b>	9.49

### SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable
<b>CONDITIONS TO AVOID POLYMERIZATION</b>	Extreme temperatures
<b>CONDITIONS TO AVOID INCOMPATIBLE MATERIALS</b>	None
<b>HAZAROUS DECOMPOSITION OR BY-PRODUCTS</b>	Bases, Metals, Oxidizers H <sub>2</sub> , CO <sub>2</sub> , SO <sub>2</sub>

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>CARCINOGENICITY</b>	No
<b>HTP</b>	No
<b>HAZ. MOIBIOGRAPHS</b>	No
<b>OSHA REGULATED</b>	No

**HEALTH HAZARDS ACUTE/CHRONIC:**  
 Acute: Corrosive to all body tissues. Superficial destruction of skin.  
 Inhalation of dust or mist may cause varying degrees of irritation to respiratory tract tissues.

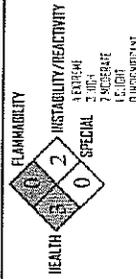
### Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrofluoric Acid	470 mg/kg	2720 mg/kg	2.21 mg/kg
Phosphoric Acid	1530 mg/kg	2750 mg/kg	> 850 mg/m <sup>3</sup>
2-Butoxyethanol	1300 mg/kg	> 2,000 mg/kg	Not available
Linear ethoxylate	Not available	Not available	Not available

### SECTION 14: TRANSPORT INFORMATION:

NA790, COMPOUNDS, CLEANING LIQUID,  
 8, II, (contains Hydrofluoric acid)

Date: June 1, 2015

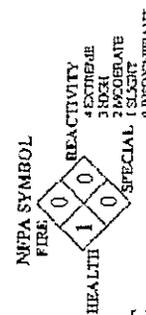


This information is drawn from recognized sources believed to be reliable. FRANKS GULF INDUSTRIES, INC. makes no guarantees or assumes any liability in connection with this information. The user should be aware of changing technology, research, regulations and analytical procedures that may require changes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

# MATERIAL SAFETY DATA SHEET

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.  
 1420-F SAMS AVENUE, HARRAHAN, LA 70123 (504) 464-7166 Date: JUNE 10, 2008

ITEM# 90  
 EMERGENCY PHONE NUMBER (800) -- 535-5053 INFOTRAC



SECTION I - TRADE NAME : TRC  
 IDENTIFICATION CHEMICAL FAMILY : DISINFECTANT CLEANER  
 PRODUCT NUMBER : 3309  
 SHIPPING DESCRIPTION: CLEANING COMPOUND, NOS

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	CAS #
D,N-ALKYL (C8-10) DIMETHYL AMMONIUM CHLORIDE	N/E	N/E	68424-95-3
N-ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE	N/E	N/E	68424-85-1

SECTION 313 - SUPPLIER NOTIFICATION:  
 THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 3.72.  
 \*\*\*CAS #\*\*\*  
 NONE  
 THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:  
 BOILING POINT= >212 DEGREES F  
 SPECIFIC GRAVITY (H2O=1)= 1.000  
 SOLUBILITY IN WATER= COMPLETE  
 APPEARANCE= BLUE - PURPLE  
 DOR= LAVENDER  
 VAPOR PRESSURE (mmHg)= N/A  
 VAPOR DENSITY (AIR=1)= N/A  
 VAPORATION RATE (Bovl Act=1) = N/A  
 POUNDS PER GALLON= 8.337

SECTION IV - FIRE AND EXPLOSION HAZARD DATA:  
 FLASH POINT= NONE  
 EXTINGUISHING MEDIA= AS REQUIRED BY SURROUNDING FIRE  
 SPECIAL FIRE FIGHTING= WEAR NIOSH/MISHA APPROVED SELF-CONTAINED FULL-FACE BREATHING APPARATUS  
 UNUSUAL HAZARDS= PRODUCTS OF COMBUSTION ARE TOXIC.

SECTION V - REACTIVITY DATA:  
 STABILITY= STABLE  
 CONDITIONS TO AVOID= EXTREME TEMPERATURES  
 POLYMERIZATION= WILL NOT OCCUR  
 CONDITIONS TO AVOID= NONE  
 COMPATIBLE MATERIALS= STRONG ACIDS AND OXIDIZERS  
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS= CO, CO.

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

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

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

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

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

Item # 95

# MATERIAL SAFETY DATA SHEET

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

Date: MAY 22, 2008

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

NFPA SYMBOL

HEALTH	1	0	0
FLAMMABILITY	0	0	0
REACTIVITY	0	0	0

HEALTH: 1 - SLIGHT, 2 - MODERATE, 3 - SEVERE, 4 - EXTREME, 5 - FATAL  
FLAMMABILITY: 0 - NOT FLAMMABLE, 1 - FLAMMABLE, 2 - EXTREMELY FLAMMABLE, 3 - HIGHLY FLAMMABLE, 4 - EXTREMELY FLAMMABLE, 5 - VERY FLAMMABLE  
REACTIVITY: 0 - NO REACTION, 1 - SLIGHTLY REACTIVE, 2 - MODERATELY REACTIVE, 3 - EXTREMELY REACTIVE, 4 - HIGHLY REACTIVE, 5 - EXTREMELY REACTIVE

**SECTION I - TRADE NAME :** NEUTRAL CLEAN ALL  
**IDENTIFICATION CHEMICAL FAMILY :** CLEANING COMPOUND  
**PRODUCT NUMBER :** 5214  
**SHIPPING DESCRIPTION:** CLEANING COMPOUND, NOS

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	CAS #
NONE			

**SECTION 313 - SUPPLIER NOTIFICATION:**  
 THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:  
 ##-#-CAS #-##- CHEMICAL NAME % By Wt.  
 NONE

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

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:**

BOILING POINT= >212 DEGREES F  
 SPECIFIC GRAVITY (H28=1)= 1.014  
 SOLUBILITY IN WATER= COMPLETE  
 APPEARANCE= BLUE GREEN  
 ODOR= NEUTRAL FRESH  
 VAPOR PRESSURE (mmHg)= N/A  
 VAPOR DENSITY (Air=1)= N/A  
 EVAPORATION RATE (Butyl Act=1) = N/A  
 POUNDS PER GALLON= 8.445

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA :**

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

**SECTION V - REACTIVITY DATA:**

STABILITY= STABLE  
 CONDITIONS TO AVOID= EXTREME TEMPERATURES  
 POLYMERIZATION= WILL NOT OCCUR  
 CONDITIONS TO AVOID= NONE  
 INCOMPATIBLE MATERIALS= STRONG ACIDS AND OXIDIZERS  
 HAZARDOUS DECOMPOSITION OR BY- PRODUCTS= CO, CO2

**SECTION VI - HEALTH HAZARDS DATA:**  
 THRESHOLD LIMIT VALUE= NOT ESTABLISHED  
 CARCINOGENICITY= NO  
 NTP= NO  
 IARC MONOGRAPHS= NO  
 OSHA REGULATED = NO  
 HEALTH HAZARDS ACUTE/CHRONIC = EYES: MAY CAUSE REDNESS OR IRRITATION.  
 INGESTION: MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.

**EMERGENCY FIRST AID PROCEDURES =**  
 INHALATION = MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.  
 INGESTION = GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK.  
 INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.  
 EYE CONTACT = FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY.  
 GET MEDICAL ATTENTION.  
 SKIN CONTACT = RINSE SKIN THOROUGHLY WITH WATER. REMOVE CONTAMINATED CLOTHING.

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

**SECTION VIII - CONTROL MEASURES:**  
 RESPIRATORY PROTECTION= NONE REQUIRED  
 VENTILATION= USE ADEQUATE VENTILATION  
 PROTECTIVE GLOVES= NONE REQUIRED  
 EYE PROTECTION= RECOMMENDED  
 OTHER PROTECTIVE MEASURES= WASH HANDS THOROUGHLY AFTER USE.

**MANUFACTURER:** TRANS GULF INDUSTRIES, INC.  
 6101 HUMPHREYS STREET  
 PO BOX 25809  
 HARAHAN, LA 70183

**EMERGENCY PHONE #**  
 DAY M-F (504) - 733-7865  
 NIGHT (800) - 535-5053

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ITEM # 100

# SAFETY DATA SHEET (SDS)

## SECTION 1: IDENTIFICATION OF PRODUCT

**TRADE NAME:** Glass Cleaner Concentrate  
**CHEMICAL FAMILY:** Cleaning Compound  
**PRODUCT NUMBER:** 5520

**Distributor:**  
**INDUSTRIAL JANITORIAL & PAPER SUPPLIES, INC.**  
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166  
 (800) -- 535-5053 (NFTFRAC)

**EMERGENCY PHONE NUMBER**  
 (800) -- 535-5053 (NFTFRAC)

## SECTION 2: HAZARD(S) IDENTIFICATION

**Hazard Category:** ZB  
**GHS LABEL ELEMENTS:**  
 Signal Word: Warning  
 Symbols: none

**Hazard Statements:**  
 Eyes: Causes Eye Irritation

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

## SECTION 3: COMPOSITION

Chemical Name	%	CAS#
isopropanol	1-5	67-63-0
amine oxide	2-5	1643-20-5

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

## SECTION 4: FIRST AID MEASURES

**INHALATION:** Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

**INGESTION:** Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing.

**UNUSUAL HAZARDS:** May cause violent exothermic reaction with water.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

## SECTION 7: HANDLING AND STORAGE

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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TWA	STEL
isopropanol	Not Available	Not Available	400 ppm	Not Available
amine oxide	Not Available	Not Available	Not Available	Not Available

## RESPIRATORY PROTECTION

**VENTILATION:** Yes  
**PROTECTIVE CLOYES:** Yes  
**EYE PROTECTION:** Yes

Use Unit contact with skin. Wash hands thoroughly after use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b> Blue Liquid
<b>ODOR:</b> Alcolol
<b>PH:</b> 7
<b>RELATIVE DENSITY:</b> Unknown
<b>SOLUBILITY:</b> Completely
<b>BOILING POINT:</b> 212°F
<b>FLASH POINT:</b> N/A
<b>VAPOR PRESSURE:</b> 33MM HG@20°C
<b>EVAPORATION RATE:</b> N/A
<b>VAPOR DENSITY:</b> N/A
<b>POUNDS PER GALLON:</b> 8.23

## SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b> Stable
<b>CONDITIONS TO AVOID POLYMERIZATION:</b> Will not occur
<b>CONDITIONS TO AVOID:</b> Extreme Temperatures
<b>INCOMPATIBLE MATERIALS:</b> strong acids and oxidizers
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> CO2, CO, H2O

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>CARCINOGENICITY:</b> No
<b>HTP:</b> No
<b>MARC ANTI-MUTAGENIC:</b> No
<b>OSHA REGULATED:</b> No

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

## Acute Toxicity Information

<b>Chemical Name:</b> isopropanol	<b>Oral LD50:</b> 4386 mg/kg	<b>Inhalation LC50:</b> 728 mg/l
<b>amine oxide</b>	<b>Dermal LD50:</b> 12800 mg/kg	<b>Not Available</b>
	<b>&gt; 1065 mg/kg</b>	<b>&gt; 2000 mg/kg</b>

## SECTION 14: TRANSPORT INFORMATION:

Not Regulated  
 Non Hazardous

Date: June 1, 2015

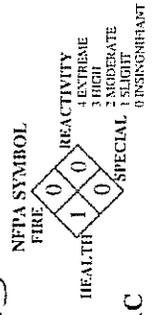


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Item # 105

# MATERIAL SAFETY DATA SHEET

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.  
1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 464-7166 Date: JANUARY 1, 2013



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

**SECTION I - TRADE NAME :** SPARKLE  
**IDENTIFICATION CHEMICAL FAMILY :** CLEANING COMPOUND  
**PRODUCT NUMBER :** 5807  
**SHIPPING DESCRIPTION:** CLEANING COMPOUND, NOS

### SECTION VI - HEALTH HAZARDS DATA:

**THRESHOLD LIMIT VALUE=** NOT ESTABLISHED  
**CARCINOGENICITY=**  
NTP= NO  
IARC MONOGRAPHS= NO  
OSHA REGULATED = NO  
HEALTH HAZARDS ACUTE/CHRONIC = NO

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	CAS #
ISOPROPANOL	400 PPM	400 PPM	67-63-0

**EYES: MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. EMERGENCY FIRST AID PROCEDURES =**

**INHALATION =** MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.  
**INGESTION =** GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.  
**EYE CONTACT =** FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

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

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

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

**BOILING POINT=** >212 DEGREES F  
**SPECIFIC GRAVITY (H28=1)=** .9884  
**SOLUBILITY IN WATER=** 100%  
**APPEARANCE=** BLUE LIQUID  
**ODOR=** ALCOHOL  
**VAPOR PRESSURE (mmHg)=** N/A  
**VAPOR DENSITY (Air=1)=** N/A  
**EVAPORATION RATE (Butyl Act=1) =** N/E  
8.233

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING:

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

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA :

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

### SECTION V - REACTIVITY DATA:

**STABILITY=** STABLE  
**CONDITIONS TO AVOID=** EXTREME TEMPERATURES  
**POLYMERIZATION=** WILL NOT OCCUR  
**CONDITIONS TO AVOID=** NONE  
**INCOMPATIBLE MATERIALS=** STRONG ACIDS AND OXIDIZERS  
CO2, CO,

### SECTION VIII - CONTROL MEASURES:

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

KEEP OUT OF REACH OF CHILDREN.

### MANUFACTURER:

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

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

Item # 110

# SAFETY DATA SHEET

## 1. Identification

Product number 1000010919  
 Product identifier EJ-826 HI-TECH OVEN BUSTER GRILL/OVEN  
 Revision date 11-15-2016  
 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 # 03  
 Supersedes date 03-17-2016  
 Recommended use CLEANER  
 Recommended restrictions None known.

## 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1  
 Health hazards Skin corrosion/irritation Category 1A  
 Serious eye damage/eye irritation Category 1  
 OSHA defined hazards Not classified.

### Label elements



Signal word Danger  
 Hazard statement Extremely flammable aerosol. Causes severe skin burns and eye damage. Causes serious eye damage.  
 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. Wash thoroughly after handling. Wear eye protection/face protection.  
 Response If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.  
 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	%
Diethylene Glycol Monobutyl Ether		112-34-5	2.5 - 10

Chemical name	Common name and synonyms	CAS number	%
Propane		74-98-6	2.5 - 10
Sodium Hydroxide		1310-73-2	2.5 - 10
Butane		106-97-8	1 - 2.5
Other components below reportable levels			60 - 80

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

#### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
<b>Ingestion</b>	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.
<b>Most important symptoms/effects, acute and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Not available.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting equipment/instructions</b>	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.
<b>Specific methods</b>	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.
<b>General fire hazards</b>	Extremely flammable aerosol.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	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. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

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

## 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/m <sup>3</sup> 1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	PEL	2 mg/m <sup>3</sup>

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Butane (CAS 106-97-8)	STEL	1000 ppm	
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>	

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup> 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m <sup>3</sup> 1000 ppm
Sodium Hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>

### 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. Eye wash facilities and emergency shower must be available when handling this product.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin protection

##### Hand protection

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

##### Other

Wear appropriate chemical resistant 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	238.96 °F (114.98 °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 (%)	1.9 % estimated
Flammability limit - upper (%)	9.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	70 - 90 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	1.02 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 acids.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.

**Symptoms related to the physical, chemical and toxicological characteristics**

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**Information on toxicological effects**

**Acute toxicity**

Components	Species	Test Results
Butane (CAS 106-97-8)		
<u>Acute</u>		
<u>Inhalation</u>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)		
<u>Acute</u>		
<u>Dermal</u>		
LD50	Rabbit	2764 mg/kg, 24 Hours
	Rat	2021 mg/kg
<u>Inhalation</u>		
LC50	Rat	74 mg/l/4h
<u>Oral</u>		
LD100	Rabbit	4000 mg/kg
LD50	Guinea pig	2000 mg/kg
	Mouse	2410 mg/kg
	Rabbit	2500 - 3000 mg/kg
	Rat	7291 mg/kg
Propane (CAS 74-98-6)		
<u>Acute</u>		
<u>Inhalation</u>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h
Sodium Hydroxide (CAS 1310-73-2)		
<u>Acute</u>		
<u>Dermal</u>		
LD50	Rat	1350 mg/kg

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

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

**Respiratory sensitization**

Not a respiratory sensitizer.

**Skin sensitization**

This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.  
**Specific target organ toxicity - single exposure** 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** 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
Diethylene Glycol Monobutyl Ether (CAS 112-34-5)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia	2803 mg/L, 48 Hours
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	1300 mg/l, 96 hours
		Fish	1304 mg/L, 96 Hours
Sodium Hydroxide (CAS 1310-73-2)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea ( <i>Ceriodaphnia dubia</i> )	34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Fish	45, 96 Hours

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

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

Butane	2.89
Diethylene Glycol Monobutyl Ether	0.56
Propane	2.36

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Local disposal regulations** Dispose in accordance with all applicable regulations.  
**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  
**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**14. Transport information**

**DOT**

**UN number** UN1950  
**UN proper shipping name** Aerosols, flammable, corrosive  
**Transport hazard class(es)**  
**Class** 2.1  
**Subsidiary risk** 8  
**Label(s)** 2.1, 8  
**Packing group** Not applicable.

Product name: 18 OZ HI-TECH GRILL & OVN CLNR LB 12PK

SDS US

Product #: 1000010919 Version #: 03 Revision date: 11-15-2016 Issue date: 03-17-2016

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

**Special provisions** A34

**Packaging exceptions** 306

**Packaging non bulk** None

**Packaging bulk** None

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

#### IATA

**UN number** UN1950

**UN proper shipping name** Aerosols, flammable, containing substances in Class 8, Packing Group III

**Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** 8

**Label(s)** 2.1, 8

**Packing group** Not applicable.

**Environmental hazards** No.

**ERG Code** 10C

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

#### Other information

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

**Packaging Exceptions** LTD QTY

#### IMDG

**UN number** UN1950

**UN proper shipping name** AEROSOLS

**Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** 8

**Label(s)** 2.1,8

**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. Read safety instructions, SDS and emergency procedures before handling.

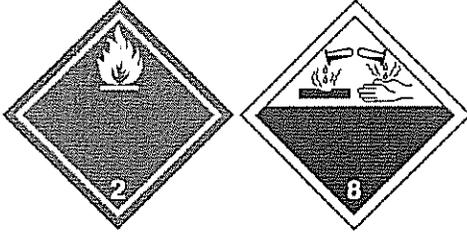
**Packaging Exceptions** LTD QTY

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

#### DOT



IATA; IMDG



## 15. Regulatory information

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

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Sodium Hydroxide (CAS 1310-73-2) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

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

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
Not regulated.

**Other federal regulations**

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

Not regulated.

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

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

**Safe Drinking Water Act (SDWA)** Not regulated.

**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))**

Butane (CAS 106-97-8)  
Sodium Hydroxide (CAS 1310-73-2)

**US. Massachusetts RTK - Substance List**

Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)

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

Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Sodium Hydroxide (CAS 1310-73-2)

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

Butane (CAS 106-97-8)  
 Propane (CAS 74-98-6)  
 Sodium Hydroxide (CAS 1310-73-2)

**US. Rhode Island RTK**

Butane (CAS 106-97-8)  
 Propane (CAS 74-98-6)  
 Sodium Hydroxide (CAS 1310-73-2)

**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
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** 03-17-2016

**Revision date** 11-15-2016

**Version #** 03

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

**Revision information** Product and Company Identification: Alternate Trade Names

ITEM # 115

## SAFETY DATA SHEET

### 1. Identification

**Product number** 1000008755  
**Product identifier** EJ-841 HI-TECH LUSTER SHINE SS POLISH  
**Revision date** 11-14-2016  
**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 #** 10  
**Supersedes date** 07-29-2016  
**Recommended use** CLEANER  
**Recommended restrictions** None known.

### 2. Hazard(s) identification

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

#### Label elements



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness.

#### Precautionary statement

##### Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

##### Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

##### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

##### Disposal

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

#### Hazard(s) not otherwise classified (HNOC)

Combustible.

#### Supplemental information

None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Distillates (Petroleum), Hydrotreated Light		64742-47-8	20 - 40
Acetone		67-64-1	10 - 20
Propane		74-98-6	10 - 20
Methyl Acetate		79-20-9	2.5 - 10
Citral		5392-40-5	0.1 - 1
Orange Terpenes		68647-72-3	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

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	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.
<b>Most important symptoms/effects, acute and delayed</b>	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	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

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting equipment/instructions</b>	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.
<b>Specific methods</b>	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.
<b>General fire hazards</b>	Extremely flammable aerosol. Combustible.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
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**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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

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. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. 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 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
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm
Methyl Acetate (CAS 79-20-9)	PEL	610 mg/m3 200 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	500 ppm	Inhalable fraction and vapor.
	TWA	250 ppm	
Citral (CAS 5392-40-5)	TWA	5 ppm	
Methyl Acetate (CAS 79-20-9)	STEL	250 ppm	
	TWA	200 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m3 250 ppm
Methyl Acetate (CAS 79-20-9)	STEL	760 mg/m3
	TWA	250 ppm 610 mg/m3 200 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

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

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

**Exposure guidelines****US ACGIH Threshold Limit Values: Skin designation**

Citral (CAS 5392-40-5) Can be absorbed through the skin.

**Appropriate engineering controls** Provide eyewash station.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

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

**Other** Wear appropriate chemical resistant 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. Contaminated work clothing should not be allowed out of the workplace.

**9. Physical and chemical properties****Appearance**

**Physical state** Gas.

**Form** Aerosol.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** 107.78 °F (42.1 °C) estimated

**Flash point** -156.0 °F (-104.4 °C) Propellant estimated

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 2.7 % estimated

**Flammability limit - upper (%)** 13.4 % estimated

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 45 - 65 psig @70F estimated

**Vapor density** Not available.

**Relative density** Not available.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 608.04 °F (320.02 °C) estimated

Product name: 15 OZ HI-TECH LUSTER SS POLISH LB 12PK

SOS US

Product #: 1000008755 Version #: 10 Revision date: 11-14-2016 Issue date: 05-06-2015

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Decomposition temperature	Not available.
Viscosity	Not available.
<b>Other information</b>	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.765 - 0.865 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.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye 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**  
 Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

**Acute toxicity**  
 May be fatal if swallowed and enters airways. Narcotic effects. May cause an allergic skin reaction.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours > 9.4 ml/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	55700 ppm, 3 Hours 132 mg/l, 3 Hours 50.1 mg/l
<b>Oral</b>		
LD50	Rat	5800 mg/kg 2.2 ml/kg
Citral (CAS 5392-40-5)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	2250 mg/kg
	Rat	> 2000 mg/kg, 24 Hours
<b>Oral</b>		
LD50	Mouse	1424 mg/kg

Components	Species	Test Results
	Rat	4895 mg/kg
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg > 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	> 7.5 mg/l, 6 Hours > 4.6 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Methyl Acetate (CAS 79-20-9)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC100	Rabbit	98.4 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	6482 mg/kg
Propane (CAS 74-98-6)		
<b>Acute</b>		
<b>Inhalation</b>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h

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

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

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**ACGIH sensitization**

Citral (CAS 5392-40-5) Dermal sensitization

**Respiratory 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** Risk of cancer cannot be excluded with prolonged exposure.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

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

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** May be fatal if swallowed and enters airways.

Chronic effects Prolonged exposure may cause 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.

Components		Species	Test Results
Acetone (CAS 67-64-1)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Citral (CAS 5392-40-5)			
<b>Aquatic</b>			
Algae	IC50	Algae	16 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7 mg/L, 48 Hours
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
Methyl Acetate (CAS 79-20-9)			
<b>Aquatic</b>			
Algae	IC50	Algae	120.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	1026.7 mg/L, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours

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

**Persistence and degradability** No data is available on the degradability of this product.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

Acetone	-0.24
Methyl Acetate	0.18
Propane	2.36

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

## 14. Transport information

### DOT

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable, (each not exceeding 1 L capacity)
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1

Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

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

**IATA**

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

**IMDG**

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

**DOT**



IATA; IMDG



### 15. Regulatory information

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

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Acetone (CAS 67-64-1) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

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

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

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

Not regulated.

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

Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

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

Acetone (CAS 67-64-1) 6532

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

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

**DEA Exempt Chemical Mixtures Code Number**

Acetone (CAS 67-64-1) 6532

**US state regulations**

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

Not listed.

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

Acetone (CAS 67-64-1)

**US. Massachusetts RTK - Substance List**

Acetone (CAS 67-64-1)

Methyl Acetate (CAS 79-20-9)

Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1)

Methyl Acetate (CAS 79-20-9)

Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1)

Methyl Acetate (CAS 79-20-9)

Propane (CAS 74-98-6)

**US. Rhode Island RTK**

Acetone (CAS 67-64-1)

Propane (CAS 74-98-6)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

Acetaldehyde (CAS 75-07-0)

Listed: April 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Methanol (CAS 67-56-1)

Listed: March 16, 2012

**International Inventories**

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

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

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

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

**Issue date** 05-06-2015

**Revision date** 11-14-2016

**Version #** 10

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

**Revision information** Product and Company Identification: Alternate Trade Names



Item # 130



# SAFETY DATA SHEET

Issuing Date: 12-Jun-2015

Revision Date: 12-Jun-2015

Version 1

## 1. IDENTIFICATION

Product Name	Comet® Deodorizing Cleanser with Chlorinol®
Product Code(s)	3-10
Product ID:	97086927_PROF_NG
Product Type:	Finished Product - Professional Use Only
Recommended Use	Hard Surface Cleaner
Restrictions on Use	Do not mix with other cleaning products or chemicals as irritating fumes may be formed.
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.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

## 2. HAZARD IDENTIFICATION

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

### Hazard Category

Eye Damage / Irritation Category 2B

Signal Word WARNING

Hazard Statements Causes eye irritation

Hazard pictograms None

Precautionary Statements - Prevention Wash hands thoroughly after handling  
Do not mix with other cleaning products or chemicals as irritating fumes may be formed

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

Precautionary Statements - Storage None

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

Hazards not otherwise classified (HNOC) None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Limestone	-	No	1317-65-3	40 - 100
Sodium carbonate	-	No	497-19-8	5 - 10
Symclosene	-	No	87-90-1	1 - 5
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	-	No	68081-81-2	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, acute and delayed** 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, CO<sub>2</sub>, 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** Prevent dust cloud. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

**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.

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
Limestone	1317-65-3		TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	Mexico: TWA 10 mg/m <sup>3</sup> Mexico: STEL 20 mg/m <sup>3</sup>

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Limestone	1317-65-3	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>

No relevant exposure guidelines for other ingredients

**Exposure controls**

**Engineering Measures** **Distribution, Workplace and Household Settings:**  
Ensure adequate ventilation

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

**Personal Protective Equipment**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State @20°C	solid
Appearance	white
Odor	Pine
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	11.5	(as 1% solution)
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		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	15%	
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	
Oxidizing properties	These substances will accelerate burning when involved in a fire.	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products.	

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	None under normal use conditions.
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<b>Stability</b>	Stable under normal conditions.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	None under normal processing.
<b>Materials to avoid</b>	Do not mix with other cleaning products or chemicals as irritating fumes may be formed.
<b>Hazardous Decomposition Products</b>	None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

Information on likely routes of exposure

<b>Inhalation</b>	No known effect.
<b>Skin contact</b>	No known effect.
<b>Ingestion</b>	No known effect.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Acute toxicity</b>	No known effect.
<b>Skin corrosion/irritation</b>	No known effect.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>Skin sensitization</b>	No known effect.
<b>Respiratory sensitization</b>	No known effect.
<b>Germ cell mutagenicity</b>	No known effect.
<b>Neurological Effects</b>	No known effect.
<b>Reproductive toxicity</b>	No known effect.
<b>Developmental toxicity</b>	No known effect.
<b>Teratogenicity</b>	No known effect.
<b>STOT - single exposure</b>	No known effect.
<b>STOT - repeated exposure</b>	No known effect.
<b>Target Organ Effects</b>	No known effect.
<b>Aspiration hazard</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.

### Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	497-19-8	2800 mg/kg bw	> 2000 mg/kg bw (US EPA 16 CFR 1500.40)	-

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulative potential</b>	No information available.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

**Waste from Residues / Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

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

**California Hazardous Waste Codes (non-household setting)** 331

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

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

**CERCLA**

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

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Piperidine	110-89-4	-	1000 lb	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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**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
Limestone	1317-65-3	X
Symclosene	87-90-1	X

Chemical Name	CAS-No	Pennsylvania
Limestone	1317-65-3	X
Symclosene	87-90-1	X

### International Inventories

#### **United States**

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

#### **Canada**

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

#### Legend

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

**CEPA** - Canadian Environmental Protection Act

## 16. OTHER INFORMATION

#### HMIS Ratings

Health hazard	2
Flammability	0
Physical hazard	0

Health hazard	2
Flammability	0
Instability	0

**Issuing Date:** 12-Jun-2015

**Revision Date:** 12-Jun-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

**BETCO**

#140

Best Scent- Ocean Breeze Ready-To-Use

BC-23512

## Section 1. Identification

GHS product identifier : Best Scent- Ocean Breeze Ready-To-Use  
Other means of identification : Not available.  
Product type : Liquid.

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

Not applicable.

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

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

## Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

### GHS label elements

Signal word : No signal word.  
Hazard statements : No known significant effects or critical hazards.

### Precautionary statements

Prevention : Not applicable.  
Response : Not applicable.  
Storage : Not applicable.  
Disposal : Not applicable.

Hazards not otherwise classified : None known.

## Section 3. Composition/information on ingredients

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

### CAS number/other identifiers

CAS number : Not applicable.  
Product code : 235

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

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

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : No specific data.

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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

### Methods and materials for containment and cleaning up

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

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

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

## Section 8. Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Light blue-green.
- Odor** : Pleasant.
- Odor threshold** : Not available.
- pH** : 7 to 9
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density** : 0.9962
- Solubility** : Easily soluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry not anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

## Section 11. Toxicological information

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.

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

#### Short term exposure

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

#### Long term exposure

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

#### Potential chronic health effects

Not available.

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

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ )	: Not available.
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Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-	-

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

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

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 4(a) proposed test rules:** Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides  
**TSCA 8(a) PAIR:** 2-methylpropan-2-ol; decanal; 3-p-cumenyl-2-methylpropionaldehyde; 2-(4-tert-butylbenzyl)propionaldehyde; 4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde;  $\alpha$ -hexylcinnamaldehyde  
**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
 Not determined.  
**Clean Water Act (CWA) 307:** toluene; Copper, [29H,31H-phthalocyaninato(2-)-.kappa.N29,.kappa.N30,.kappa.N31,.kappa.N32]-, chlorosulfonyl sulfo derivs., compds. with 2-(dimethylamino)ethanol; copper  
**Clean Water Act (CWA) 311:** Formaldehyde, solution; toluene

**Clean Air Act Section 112** : Listed

## Section 15. Regulatory information

Clean Air Act Section 602 : Not listed  
Class I Substances

Clean Air Act Section 602 : Not listed  
Class II Substances

DEA List I Chemicals : Not listed  
(Precursor Chemicals)

DEA List II Chemicals : Not listed  
(Essential Chemicals)

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
formaldehyde	<0.1	Yes.	500	73.9	100	14.8

SARA 304 RQ : 26666666.7 lbs / 12106666.7 kg [3210442.7 gal / 12152847.5 L]

### SARA 311/312

Classification : Not applicable.

#### Composition/information on ingredients

No products were found.

### State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : The following components are listed: ETHYL ALCOHOL; ALCOHOL

Pennsylvania : The following components are listed: DENATURED ALCOHOL; ETHANOL

### California Prop. 65

**WARNING:** This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Formaldehyde, solution	Yes.	No.	Yes.	No.
toluene	No.	Yes.	No.	7000 µg/day (ingestion)

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### International lists

## Section 15. Regulatory information

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: <b>Japan inventory (ENCS):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.

## Section 16. Other information

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

Health	0
Flammability	0
Physical Reactivity	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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



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

### Procedure used to derive the classification

Classification	Justification
Not classified.	

### History

Date of printing	: 4/21/2017
Date of issue/Date of revision	: 2/23/2017
Date of previous issue	: 4/1/2015
Version	: 1.01

## Section 16. Other information

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

**References** : Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

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

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



# SAFETY DATA SHEET

Item # 145

## 1. Identification

Product number 1000003942  
 Product identifier FRESH LINEN METERED AIR FRESHENER  
 Revision date 06-01-2015  
 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 # 14  
 Supersedes date 05-21-2015  
 Recommended use Air Freshener  
 Recommended restrictions None known.

## 2. Hazard(s) identification

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

### Label elements



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

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Acetone		67-64-1	60 - 80

Chemical name	Common name and synonyms	CAS number	%
Butane		106-97-8	10 - 20
Propane		74-98-6	10 - 20
Other components below reportable levels			2.5 - 10

#: This substance has workplace exposure limit(s).

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

#### 4. First-aid measures

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

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire-fighting equipment/instructions</b>	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.
<b>Specific methods</b>	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.
<b>General fire hazards</b>	Extremely flammable aerosol.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. 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.
<b>Methods and materials for containment and cleaning up</b>	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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	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 mist or vapor. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. 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
Acetone (CAS 67-64-1)	PEL	2400 mg/m <sup>3</sup> 1000 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m <sup>3</sup> 1000 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m <sup>3</sup> 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup> 800 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m <sup>3</sup> 1000 ppm

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*

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

### Appropriate engineering controls

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

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Chemical respirator with organic vapor cartridge and full facepiece.

#### Hand protection

Wear appropriate chemical resistant gloves.

#### Skin protection

#### Other

Wear appropriate chemical resistant clothing.

#### Respiratory protection

Chemical respirator with organic vapor cartridge and full facepiece.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

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

**9. Physical and chemical properties**

**Appearance**

Physical state	Gas.
Form	Aerosol.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	132.89 °F (56.05 °C) estimated
Flash point	-156.0 °F (-104.4 °C) Propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

**Upper/lower flammability or explosive limits**

Flammability limit - lower (%)	1.9 % estimated
Flammability limit - upper (%)	9.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	55 psig @70F estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.148 estimated

**10. Stability and reactivity**

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

**11. Toxicological information**

**Information on likely routes of exposure**

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

**Eye contact** Causes serious eye irritation.

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

**Information on toxicological effects**

**Acute toxicity** Narcotic effects.

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

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

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

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**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** May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure Not classified.  
 Aspiration hazard Not available.  
 Chronic effects Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

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

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

Partition coefficient n-octanol / water (log Kow)	
Acetone	-0.24
Butane	2.89
Propane	2.36

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

### US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002

**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, (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. 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**

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

**IMDG**

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

**DOT**



**IATA; IMDG**



## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1) Listed.

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
Not regulated.

### Other federal regulations

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

Not regulated.

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

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

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

Acetone (CAS 67-64-1) 6532

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

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

#### DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532

### US state regulations

#### US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

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

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

#### US. Rhode Island RTK

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

**US. California Proposition 65**

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

**International Inventories**

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

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

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

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

**Issue date** 11-01-2013

**Revision date** 06-01-2015

**Version #** 14

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

**Revision Information** Product and Company Identification: Alternate Trade Names

# SAFETY DATA SHEET (SDS)

Item # 150

**SECTION 1: IDENTIFICATION OF PRODUCT**  
**TRADE NAME:** Mint Bio Clean  
**CHEMICAL FAMILY:** Bacterial Enzyme Complex  
**PRODUCT NUMBER:** 5284

**DISTRIBUTOR:**  
 ECONOMIC JANITORIAL & PAPER SUPPLIES, INC.  
 1420-F SAMS AVENUE, HARAHAN, LA 70123 (504) 484-7866  
 (800) 555-5053 INFOTRAC

**EMERGENCY PHONE NUMBER:**  
 (800) 555-5053 INFOTRAC

**SECTION 2: HAZARD(S) IDENTIFICATION**  
**Hazard Category:** ZA  
**GHS LABEL ELEMENTS:**  
 Signal Word: Warning  
 Symbols: Warning

**Hazard Statements:**  
 Causes Serious Eye Irritation



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

**SECTION 3: COMPOSITION**

Chemical Name	%	PAS#
BACTERIAL complex	1-5	Not Available
Alcohol Ethoxylates	2-5	127087-87-0
water	70-80	7732-18-5

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

**SECTION 4: FIRST AID MEASURES**

**INHALATION:** Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

**INGESTION:** Give large quantities of water, then several sips of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing.

**UNUSUAL HAZARDS:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**  
**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**  
 Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
BACTERIAL complex	Not Available				
Alcohol Ethoxylates	Not Available				
water	Not Available				

**SECTION 9: SUPPLIER NOTIFICATION:**  
 THE PRODUCTS MARKED WITH "A" ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

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

**RESPIRATORY PROTECTION:** Yes  
**VENTILATION:** Yes  
**PROTECTIVE GLOVES:** Yes  
**EYE PROTECTION:** Yes

Limit contact with skin. Wash hands thoroughly after use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	green
COLOR	Mint
pH	7.5
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	> 270° F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
PENING PER GALLON	8.5

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID EXTREME TEMPERATURES:** Extreme Temperatures

**INCOMPATIBLE MATERIALS:** strong acids and oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO<sub>2</sub>, CO

**SECTION 11: TOXICOLOGICAL INFORMATION**

HAZARDOUS EFFECT	LD50	Acute Toxicity Information
IRIT	Not Available	May cause redness and irritation to eyes. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, delatating and dermatitis.
SKIN IRRITATION	Not Available	
SKIN SENSITIZATION	Not Available	
RESPIRATORY IRRITATION	Not Available	
RESPIRATORY SENSITIZATION	Not Available	
ACUTE TOXICITY	Not Available	
CHRONIC TOXICITY	Not Available	
REPRODUCTION	Not Available	
MUTAGENICITY	Not Available	
CARCINOGENICITY	Not Available	
ENVIRONMENTAL TOXICITY	Not Available	

**SECTION 14: TRANSPORT INFORMATION:**

**Chemical Name:** BACTERIAL complex

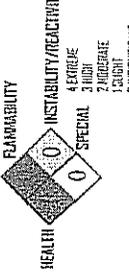
**UN1988**

**HAZARDOUS CLASSIFICATION:** Non-Hazardous

**EMERGENCY RESPONSE INFORMATION:** Not Regulated

**Date:** June 1, 2015

**Manufacturer:** TRANS GULF INDUSTRIES INC. PO Box 22089  
 601 Humphreys St. Harahan, LA 70083  
 (504) 733-7865 or 1-800-725-7865  
 www.gentproducts.com



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

W-121

#155 DIA-03059  
Safety Data Sheet



Revision Number: 034.0

Issue Date: 03/05/2015

**1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

**Product identifier used on the label:**

RENUZIT® LongLast Adjustable Air Freshener – Tropical Waters, Apple & Cinnamon, After the Rain, Super Odor Killer, Lavender & Violet/Lavanda y Violetas, Fresh Lavender/Lavanda, Simply Vanilla, Raspberry, Citrus Sunburst, Sunny Laundry, Relaxing Spa, Paradise Breeze (Brisa del Paraiso) / Caribbean Cooler (Frutas Caribeñas) / Hawaiian Sunset, Pure Breeze, Sapphire Waters, Orchid Petals, Purely Peach, Creme Brulee; Red Velvet Cake; Chocolate Covered Cherries, Tahitian Breeze, Hawaiian Oasis, Limoncello Sorbet, Seductive Pineapple, Alluring Lavender, Grapefruit Essence & Bergamot, Chamomile & Jasmine, Citrus Orchard, Wildflower Meadows

**Other means of identification:**

719195 (Tropical Waters); 719202 (Apple & Cinnamon); 719204 (After the Rain); 719206 (Super Odor Killer); 719210 (Lavender & Violet/Lavanda y Violetas, Fresh Lavender/Lavanda); 762091 (Simply Vanilla); 762092 (Raspberry); 766055 (Citrus Sunburst); 798323 (Sunny Laundry); 1148547 (Relaxing Spa); 1149300 (Paradise Breeze/Brisa del Paraiso, Caribbean Cooler/Frutas Caribeñas, Hawaiian Sunset); 1230846 (Pure Breeze); 1407084 (Sapphire Waters); 1474862 (Orchid Petals); 1599114 (Purely Peach); 1667099 (Creme Brulee); 1667130 (Red Velvet Cake); 1669684 (Chocolate Covered Cherries); 1719737, 1806074 (Tahitian Breeze); 1726819 (Hawaiian Oasis); 1793683 (Limoncello Sorbet); 1722707 (Seductive Pineapple); 1721538 (Alluring Lavender); 1818666 (Grapefruit Essence & Bergamot); 1818619 (Chamomile & Jasmine); 766055 (Citrus Orchard), 1474862 (Wildflower Meadows)

**Recommended use of the chemical and restrictions on use:** Air freshener

**Name, address and telephone number of the chemical manufacturer:**

The Dial Corporation, a Henkel Company  
7201 E. Henkel Way  
Scottsdale, AZ 85255-9672 USA

CHEMTREC: 1-800-424-9300 (24 hours daily)  
Internet: www.henkelna.com

**Emergency telephone number:** Medical Emergencies: 1-888-689-9082

**2. HAZARD IDENTIFICATION**

The hazards described in this OSHA Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
None	None

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

**Signal word:** Not prescribed  
**Hazard Statement(s):** Not prescribed

**Symbol(s):** None

**Precautionary Statements:**

**Prevention:** Not prescribed  
**Response:** Not prescribed  
**Storage:** Not prescribed  
**Disposal:** Not prescribed

**Hazards not otherwise classified:** Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Chemical Name*	CAS Number (Unique Identifier)	Concentration
Carrageenan	9000-07-1	1 - 5%

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

### 4. FIRST AID MEASURES

#### Description of necessary measures

<b>Inhalation:</b>	Remove from exposure area to fresh air. Treat symptomatically and supportively.
<b>Skin contact:</b>	Rinse affected area with mild soap and water until no evidence of product remains. Get medical attention if irritation persists.
<b>Eye contact:</b>	Rinse eyes with plenty of water until no evidence of product remains. Get medical attention if pain or irritation develops.
<b>Ingestion:</b>	Dilution by rinsing the mouth and giving water or milk to drink is generally recommended.

#### Most important symptoms and effects, both acute and delayed

After eye contact: May cause mild transient irritation. After skin contact: Repeated or prolonged excessive exposure may cause irritation or sensitization dermatitis in previously exposed individuals. After ingestion: Nausea and possible vomiting may occur. After inhalation: No adverse effects anticipated from normal use.

#### Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with mild soap and water until no evidence of product remains. After ingestion: Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. After inhalation: Remove from exposure area to fresh air.

### 5. FIRE FIGHTING MEASURES

#### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Dry chemical, carbon dioxide, water spray or regular foam.

**Unsuitable extinguishing media:** Not available.

#### Specific hazards arising from the chemical

Oxides of carbon and oxides of nitrogen.

#### Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move containers from fire area if you can do it without risk. Avoid breathing hazardous vapors, keep upwind. Isolate area. Keep unnecessary personnel away.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary people away; isolate hazard area and deny entry. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic.

#### Environmental Precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

#### Methods and materials for containment and cleaning up

**SMALL SPILLS:** Sweep or scoop up and place into suitable clean, dry containers for reclamation or later disposal. Wash site of spillage thoroughly with water. **LARGE SPILLS:** Sweep or scoop up. Dispose in suitable waste container. Keep unnecessary people away from spill.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Keep the containers closed when not in use.

#### Conditions for safe storage, including any incompatibilities

Store between 40°F and 120°F. (5° and 49°C) Store in original containers in a cool dry area. Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use. Protection against frost.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The Dial Corporation, a Henkel Company; 7201 E. Henkel Way; Scottsdale, AZ 85255-9672

Solid Air Freshener (Everyday Use)

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OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

**Appropriate engineering controls**

Provide local exhaust or general dilution ventilation to keep potential exposure to airborne contaminants as low as possible.

**Individual protection measures**

- Respiratory:** None required under normal use conditions.
- Eye:** Safety glasses are required to prevent eye contact where splashing of liquefied product may occur.
- Hand/Body:** Protective gloves are required where repeated or prolonged skin contact may occur.  
Protective clothing (impervious to liquids) is required where repeated or prolonged skin contact may occur.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance:** Colored gel
- Odor:** Fragranced
- Odor threshold:** Not available
- pH:** 6.00 - 8.00 25 °C)
- Melting point/ range:** Not available.
- Boiling point/range:** Not available.
- Flash point:** > 94.00 °C (> 201.2 °F)
- Evaporation rate:** Not available.
- Flammable/Explosive limits - lower:** Not available.
- Flammable/Explosive limits - upper:** Not available.
- Vapor pressure:** Not available.
- Vapor density:** Not available.
- Solubility in water:** Miscible
- Partition coefficient (n-octanol/water):** Not available.
- Autoignition temperature:** Not available.
- Decomposition temperature:** Not available.
- Viscosity:** Not available.
- VOC content:** Not available.
- Specific gravity:** Not available.

**10. STABILITY AND REACTIVITY**

- Reactivity:** This product may react with strong acids, bases and oxidizing agents.
- Chemical stability:** Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).
- Possibility of hazardous reactions:** Hazardous polymerization does not occur under normal temperatures and pressures.
- Conditions to avoid:** Avoid storing in direct sunlight and avoid extremes of temperature.
- Incompatible materials:** Strong oxidizers, alkalies, acids.
- Hazardous decomposition products:** Thermal decomposition may produce irritating smoke, carbon monoxide, and carbon dioxide.

**11. TOXICOLOGICAL INFORMATION**

**Likely routes of exposure including symptoms related to characteristics**

- Inhalation:** No adverse effects anticipated from normal use. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache, weakness, peripheral drowsiness.
- Skin contact:** Repeated or prolonged excessive exposure may cause irritation or dermatitis.
- Eye contact:** May cause mild irritation.
- Ingestion:** Not an anticipated route of exposure given the nature of the finished product. Nonetheless, ingestion may cause nausea, vomiting, abdominal pain; and diarrhea.
- Physical/Chemical:** No physical/chemical hazards anticipated for this product.

**Other relevant toxicity information:**

This product is a household product. The use of this product by consumers is safe under normal and reasonable foreseen use.

**Numerical measures of toxicity, including delayed and immediate effect**

<b>Hazardous Component(s)</b>	<b>LD50s and LC50s</b>	<b>Immediate and Delayed Health Effects</b>
Carrageenan	None	Irritant

**Carcinogenicity Information**

<b>Hazardous Component(s)</b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA Carcinogen</b>
Carrageenan	No	No	No

**Carcinogenicity** None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).  
**Mutagenicity** None of the ingredients in this product are known to cause mutagenicity.  
**Toxicity to reproduction** None of the ingredients in this product are known to have reproductive, fetal, or developmental hazards.

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:**

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

**Toxicity to fish:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to aquatic invertebrates:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to algae:**

The aquatic toxicity profile of this product has not been determined.

**Persistence and Degradability:**

Hazardous substances	Result value	Route of application	Species	Method
Carrageenan	readily biodegradable	aerobic	91 – 95 %	EU Method C.4-E

**Bioaccumulation Potential:** The bioaccumulation potential of this product has not been determined.

**Mobility:** The mobility of this product (in soil and water) has not been determined.

**13. DISPOSAL CONSIDERATIONS**

**Waste Number and Description:** Not regulated.

**Disposal Considerations:**

**Disposal of products:** This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

**Disposal of unclean packages:** Place in trash.

**14. TRANSPORT INFORMATION**

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

**U.S. Department of Transportation Ground (49 CFR)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

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## 15. REGULATORY INFORMATION

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**Occupational safety and health act:** Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

**United States Regulatory Information:**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Not available.  
**CERCLA/SARA Section 313:** None above reporting de minimis  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information:**

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

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## 16. OTHER INFORMATION

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This safety data sheet contains changes from the previous version in sections: 12

Prepared by: R&D Support Services

Issue date: 03/05/2015

Supersedes: Rev. 33, 11/03/2014

Item # 160

# SAFETY DATA SHEET (SDS)

## SECTION 1: IDENTIFICATION OF PRODUCT

Trade Name: Cherry Conditioner  
 Chemical Family: Cherry Conditioner  
 Product Number: 5818

## SECTION 2: HAZARD(S) IDENTIFICATION

GHS Label Elements:  
 Signal Word: None  
 Hazard Statements:  
 Causes eye irritation

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

## SECTION 3: COMPOSITION

Chemical Name	%	CAS#
Alcohol Ethoxylates	2-5	172887-82-0
Fragrance	1-5	Proprietary

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

## SECTION 4: FIRST AID MEASURES

**IRITATION:** Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

**INGESTION:** Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full face breathing apparatus and full protective clothing.

**PHYSICAL HAZARDS:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

## SECTION 7: HANDLING AND STORAGE

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	OSHA PEL	AECBH	LEV	TLHA	STEL
Alcohol Ethoxylates	Not Available				
Fragrance	Not Available				

## SECTION 9: OTHER PROTECTIVE MEASURES

**VENTILATION:** Yes, limit contact with skin. Wash hands thoroughly after use.

**PROTECTIVE CLOTHING:** Yes

**EYE PROTECTION:** Yes

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear pink liquid
ODOR	Cherry
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	>212 F
MELTING POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	8.5

## SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID	Will not occur
REACTIVITY	Extreme temperatures
INCOMPATIBLE MATERIALS	Strong acids and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS	CO <sub>2</sub> , CH <sub>4</sub>

## SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	No
SKIN IRRITATION	No
SKIN SENSITIZATION	No

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

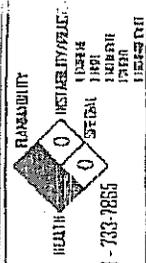
## SECTION 12: ECOTOXICITY

Chemical Name	Alcohol Ethoxylates	Alcal LD50	Alcal LD50
	Fragrance	>1800 mg/kg	>2000 mg/kg
		Not Available	Not Available

## SECTION 14: TRANSPORT INFORMATION

Hazardous: Non Hazardous  
 Not Regulated: Not Regulated

Date: June 1, 2015



TRADES SAFE INDUSTRIES, INC.  
 6108 Humphreys St., Harahan, LA 70123 (504) 733-7655  
 www.traidesafe.com

# SAFETY DATA SHEET

Best Scent- Smoke & Odor Eliminator Ready-To-Use

**BETCO**

#165

BC-23412

## Section 1. Identification

GHS product identifier : Best Scent- Smoke & Odor Eliminator Ready-To-Use  
Other means of identification : Not available.  
Product type : Liquid.

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

Not applicable.

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

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

## Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

### GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

### Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise classified : None known.

## Section 3. Composition/information on ingredients

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

### CAS number/other identifiers

CAS number : Not applicable.

Product code : 234

Ingredient name	%	CAS number
ethanol	≥1 - <3	64-17-5

### Section 3. Composition/information on ingredients

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

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

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

#### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

## Section 5. Fire-fighting measures

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
ethanol	<b>ACGIH TLV (United States, 3/2016).</b> STEL: 1000 ppm 15 minutes. <b>OSHA PEL 1989 (United States, 3/1989).</b> TWA: 1000 ppm 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours. <b>NIOSH REL (United States, 10/2013).</b> TWA: 1000 ppm 10 hours. TWA: 1900 mg/m <sup>3</sup> 10 hours. <b>OSHA PEL (United States, 6/2016).</b> TWA: 1000 ppm 8 hours. TWA: 1900 mg/m <sup>3</sup> 8 hours.

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

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Straw. Amber.
- Odor** : Fruity.Floral.
- Odor threshold** : Not available.
- pH** : 7 to 9
- Melting point** : Not available.

## Section 9. Physical and chemical properties

Flash point	: Closed cup: >120°C (>248°F)
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.9905
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanol	LC50 Inhalation Vapor	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	7 g/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	0.066666667 minutes 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	100 microliters	-
	Eyes - Severe irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	400 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-

## Section 11. Toxicological information

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
ethanol	-	1	-

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal.  
Routes of entry not anticipated: Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

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

#### Short term exposure

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

#### Long term exposure

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

### Potential chronic health effects

Not available.

**General** : No known significant effects or critical hazards

## Section 11. Toxicological information

Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
ethanol	Acute EC50 17.921 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 µg/l Marine water	Crustaceans - Artemia franciscana - Larvae	48 hours
	Acute LC50 42000 µg/l Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 4.995 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Chronic NOEC 100 ul/L Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.375 ul/L Fresh water	Fish - Gambusia holbrooki - Larvae	12 weeks

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
ethanol	-0.35	-	low

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

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

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-	-

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

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

## Section 15. Regulatory information

**U.S. Federal regulations** : TSCA 8(a) PAIR: 2-methylpropan-2-ol  
TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
Not determined.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : Not applicable.

#### Composition/information on ingredients

**Section 15. Regulatory information**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
ethanol	≥1 - <3	Yes.	No.	No.	Yes.	No.

**State regulations**

- Massachusetts : The following components are listed: ETHYL ALCOHOL; DENATURED ALCOHOL  
 New York : None of the components are listed.  
 New Jersey : The following components are listed: ETHYL ALCOHOL; ALCOHOL  
 Pennsylvania : The following components are listed: DENATURED ALCOHOL; ETHANOL

**California Prop. 65**

**WARNING:** This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
7-methyl-3-methyleneocta-1,6-diene	Yes.	No.	No.	No.

**International regulations****Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

**Montreal Protocol (Annexes A, B, C, E)**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**Rotterdam Convention on Prior Inform Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

**International lists****National inventory**

- Australia : Not determined.  
 Canada : Not determined.  
 China : Not determined.  
 Europe : Not determined.  
 Japan : **Japan inventory (ENCS):** Not determined.  
           **Japan inventory (ISHL):** Not determined.  
 Malaysia : Not determined.  
 New Zealand : Not determined.  
 Philippines : Not determined.  
 Republic of Korea : Not determined.  
 Taiwan : Not determined.

## Section 16. Other information

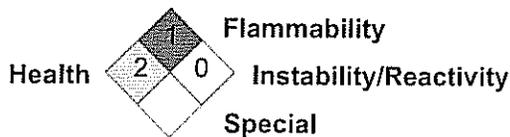
### Hazardous Material Information System (U.S.A.)

Flammability	2
Health	1
Instability/Reactivity	0
Special	

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

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

### Procedure used to derive the classification

Classification	Justification
Not classified.	

### History

Date of printing : 4/25/2017  
 Date of issue/Date of revision : 2/23/2017  
 Date of previous issue : 4/1/2015  
 Version : 1.01

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

References : Not available.

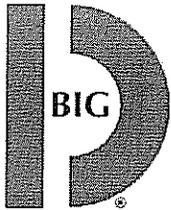
☑ Indicates information that has changed from previously issued version.

### Notice to reader

## **Section 16. Other information**

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

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



# Safety Data Sheet

#170  
BD-960

## big D Para Products

### SECTION 1. IDENTIFICATION

**Product Identifier** big D Para Products  
**Other Means of Identification** 900, 903, 930, 950, 960, 970, 980, 317500 & 990  
**Other Identification** Para Product  
**Product Family** Dry Deodorants  
**Recommended Use** Dry Deodorants.  
**Restrictions on Use** None known.  
**Manufacturer** Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com  
**Emergency Phone No.** Big D Industries, 405 682 2541, 8-4:30 Monday-Friday  
**SDS No.** 0277  
**Date of Preparation** August 10, 2015

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Serious eye damage/eye irritation - Category 2A; Carcinogenicity - Category 2; Aquatic hazard (Acute) - Category 1; Aquatic hazard (Chronic) - Category 1

#### GHS Label Elements



Signal Word:  
Warning

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

#### Precautionary Statement(s):

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

---

Product Identifier: big D Para Products  
SDS No.: 0277  
Date of Preparation: August 10, 2015

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
1,4-Dichlorobenzene	106-46-7	99.9	
Fragrance	No CAS	.001	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

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

#### Skin Contact

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

#### Eye Contact

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

#### Ingestion

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

#### First-aid Comments

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

### Most Important Symptoms and Effects, Acute and Delayed

None known.

### Immediate Medical Attention and Special Treatment

#### Special Instructions

Not applicable.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

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

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Can ignite if strongly heated.

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

### Special Protective Equipment and Precautions for Fire-fighters

Toxic gases or vapours.

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

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

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

### Environmental Precautions

Product Identifier: big D Para Products

SDS No.: 0277

Date of Preparation: August 10, 2015

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

#### Methods and Materials for Containment and Cleaning Up

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

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

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

### Conditions for Safe Storage

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

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

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

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

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

#### Skin Protection

Not required, if used as directed.

#### Respiratory Protection

Not usually required when working with small quantities.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

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

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

Product Identifier: big D Para Products  
SDS No.: 0277  
Date of Preparation: August 10, 2015

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

High temperatures. Generation of dust.

**Incompatible Materials**

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

**Hazardous Decomposition Products**

Very toxic chemicals.

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

Inhalation; skin contact; eye contact.

**Acute Toxicity**

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

**Skin Corrosion/Irritation**

Human experience shows very mild irritation.

**Serious Eye Damage/Irritation**

There is limited evidence of serious eye irritation.

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

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

Not known to be a skin sensitizer.

**Carcinogenicity**

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

May cause cancer. (1,4-Dichlorobenzene)

**Key to Abbreviations**

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

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

**Reproductive Toxicity****Development of Offspring**

Product Identifier: big D Para Products

SDS No.: 0277

Date of Preparation: August 10, 2015

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

**Toxicity**

Very toxic to fish.

**Acute Aquatic Toxicity**

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

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

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

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

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

**SECTION 14. TRANSPORT INFORMATION**

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

**Environmental Hazards** Marine Pollutant (1,4-Dichlorobenzene)

Product Identifier: big D Para Products

SDS No.: 0277

Date of Preparation: August 10, 2015

**Special Precautions for User** Please note: US DOT: In inner containers of 100 lbs capacity or less, this product is exempt from DOT regulations (non-regulated).  
**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**  
Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

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

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

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

#### CEPA - National Pollutant Release Inventory (NPRI)

Part 1A, Part 5.

#### USA

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

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

#### Custom Regulatory 1

This Product may not be sold for use in the following US states: California Michigan Maryland Delaware Pennsylvania New York New Jersey Connecticut Rhode Island Massachusetts Maine District of Columbia

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 2</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Mitch Anderson		
<b>Phone No.</b>	405 682 2541		

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Product Identifier: big D Para Products  
SDS No.: 0277  
Date of Preparation: August 10, 2015

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Safety Data Sheet

Date Issued: 2/9/2016

**SECTION 1: IDENTIFICATION OF THE PREPARATION AND THE COMPANY**

**PRODUCT NAME:** PARA

**RECOMMENDED USE:** Deodorizer

**RESTRICTIONS ON USE:** For intended use only

**MANUFACTURER:**

Fresh Products, LLC  
4010 South Ave  
Toledo  
Ohio 43615  
USA

**TELEPHONE:** +1-419-531-9741

**FAX:** +1-419-531-8472

**EMERGENCY CONTACT (spill/release):** 800-424-9300

**ITEM NUMBER:** Para

**Section 2: HAZARDS IDENTIFICATION**

**General:** Contains small amounts of chemicals that are hazardous to health and the environment but in quantities too small to constitute any practical risks to health or the environment.

**Classification:**

Acute Toxicity Oral 4  
Acute Toxicity Dermal 4  
Eye Damage/Irritation 2A  
Carcinogenicity 2



**WARNING**

**Hazard Phrases:**

H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H319: Causes serious eye irritation.  
H351: Suspected of causing cancer.

**Precautionary Phrases:**

P102: Keep out of reach of children  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/ face protection.  
P301+P312: If swallowed: Call a poison center or doctor/physician if you feel unwell.  
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

P308+P313: If exposed or concerned get medical advice/attention.  
 P312: Call a poison center or doctor/physician if you feel unwell.  
 P330: Rinse Mouth  
 P332+P313: If rash occurs, seek medical attention.  
 P337+P313: If eye irritation persists: Get medical advice/ attention.  
 P362: Take off contaminated clothing and wash before reuse.  
 P405: Store locked up  
 P501: Dispose of contents to an approved waste disposal plant.

**SECTION 3: INGREDIENT INFORMATION**

Chemical Identification: Crystalline solid

Form/Shape: Para super block comes in various shapes and sizes.

CAS Number: Not applicable since the product is a preparation.

EINECS/ELINCS #: Not applicable since the product is a preparation.

The product is a complex mixture of substances of which the following have been classified as presenting a health or environmental hazard or as having an occupational exposure limit within the meaning of the Directive 67/548/EEC or 1999/45/EC

Level (%)	CAS Nr	EC Nr	Substance	Hazard Classification	
				(Dir. 67/548/CE)	(Reg. CE 1272/2008)
99%	106-46-7	203-400-5	p-Dichlorobenzene		H302 H312 H319 H351

**SECTION 4: FIRST AID MEASURES**

General: No specific acute effects or symptoms are known.

Inhalation: No acute effects expected. If person is feeling unwell, remove to fresh air.

Ingestion: Possibility of ingestion limited due to product form and difficulty to chew and ingest. In the event of ingestion, rinse mouth thoroughly with water.

Skin: Wash off with soap and water.

Eyes: Possibility of eye contact limited. In the event, wash thoroughly with water or approved eyewash.

**SECTION 5: FIRE FIGHTING MEASURES**

Extinguishing Media: Use extinguishing media appropriate for the surrounding fire. Water spray, fog or mist. Dry chemicals, sand etc.

Exposure Hazards : Thermal decomposition or burning may release a variety of products ranging from simple hydrocarbons to toxic/irritating gases including carbon monoxide and carbon dioxide. Full protective clothing should be worn before a confined fire space is entered. Self-contained breathing apparatus should be worn.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

No special requirements for accidental release required. Apply good housekeeping practices.

**SECTION 7: HANDLING AND STORAGE**

Usage Precautions: Follow normal good-housekeeping practices. Keep away from direct flames.

Storage Precautions: Keep in cool, dry conditions in original containers at no more than 30° C

## **SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

Occupational Exposure limit: Not Established

Respiratory Protection: None required under normal usage

Protection: Although unexpected, avoid prolonged skin contact. Use chemically resistant gloves as needed.

Eye Protection: None required

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Crystalline Solid in various shapes and sizes

Odor: Characteristic

Odor Threshold: Not determined

Color: Various Color

pH value: Not determined/applicable

Melting Pt: Estimated 60° C

Boiling Pt: Not applicable.

Flash pt: Not applicable.

Evaporation Rate: Not applicable.

Flammability: Not determined/applicable

UEL: Not determined

LEL: Not determined

Vapor Pressure: Not determined/applicable

Vapor Density: Not determined/applicable

Relative Density: Not determined

Solubility in water: Insoluble.

Partition Coefficient: Not determined

Autignition Temperature: Not applicable

Decomposition Temperature: Not determined/applicable

## **SECTION 10: STABILITY AND REACTIVITY**

Stability: Normally stable.

Conditions to avoid: Avoid extreme heat and naked flames.

Materials to avoid: Strong oxidizing agents.

Decomposition Products: None under normal storage conditions.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Acute Effects: Ingredients include a small quantity of volatile chemicals which may contain small amounts of substances that are harmful if swallowed and/or irritating to the eyes and skin.

Chronic Effects: None are known.

Health Risks:

INHALATION: Prolonged exposure to volatile ingredients is unlikely to cause irritation or other adverse health effects.

INGESTION: No practical risk of adverse health effects.

SKIN CONTACT: No practical risk of adverse health effects.

EYE CONTACT: No practical risk of adverse health effects.

## **SECTION 12: ECOLOGICAL INFORMATION**

No specific information has been established regarding the product. However according to the conventional method of Directive 99/45/EC the product is classified as harmful to aquatic organisms, or causing long-term effects in the

aquatic environment.

Ecotoxicity: N/A

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Mobility in Soil: N/A

Other Adverse Effects: N/A

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Local Authority requirements e.g., for used product, as household waste

### **SECTION 14: TRANSPORT INFORMATION**

Product is not regulated as hazardous

DOT Classifications: Non Hazardous

UN-Number: N/A

UN Proper Shipping Name: N/A

Transport Hazard Class: N/A

Packing group: N/A

Marine Pollutant: N/A

Special Precautions with Transport: N/A

### **SECTION 15: REGULATORY INFORMATION**

Classification, Packaging and Labeling according to Directive 99/45/EC

Signal word:

WARNING

Pictograms:

Health Hazard

Exclamation mark

Hazard Phrases:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H319: Causes serious eye irritation.

H351: Suspected of causing cancer.

Precautionary Phrases:

P102: Keep out of reach of children

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/ face protection.

P301+P312: If swallowed: Call a poison center or doctor/physician if you feel unwell.

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

P308+P313: If exposed or concerned get medical advice/attention.

P312: Call a poison center or doctor/physician if you feel unwell.

P330: Rinse Mouth

P332+P313: If rash occurs, seek medical attention.  
P337+P313: If eye irritation persists: Get medical advice/ attention.  
P362: Take off contaminated clothing and wash before reuse.  
P405: Store locked up  
P501: Dispose of contents to an approved waste disposal plant.

**SECTION 16: OTHER INFORMATION**

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Item # 185

## SAFETY DATA SHEET

### 1. Identification

**Product number** 1000007838  
**Product identifier** EJ-015 HI-TECH RE-FRESH HOSPITAL DIS  
**Revision date** 11-11-2016  
**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 #** 10  
**Supersedes date** 02-09-2016  
**Recommended use** Disinfectant  
**Recommended restrictions** None known.

### 2. Hazard(s) identification

**Physical hazards** Flammable aerosols Category 1  
**Health hazards** Sensitization, skin Category 1  
**OSHA defined hazards** Not classified.

#### Label elements



**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 hazard Category 3  
Hazardous to the aquatic environment, long-term hazard Category 3  
**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	%
Ethyl Alcohol		64-17-5	40 - 60

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

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Headache. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Wash contaminated clothing before reuse.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Fire fighting equipment/instructions</b>	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.
<b>Specific methods</b>	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.
<b>General fire hazards</b>	Extremely flammable aerosol.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	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	Type	Value
Ethyl Alcohol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Butane (CAS 106-97-8)	STEL	1000 ppm
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Butane (CAS 106-97-8)	TWA	1900 mg/m3 800 ppm
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).

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

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Face shield is recommended. Wear safety glasses with side shields (or goggles).

#### Skin protection

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

#### Other

Wear appropriate chemical resistant clothing. 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

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

SDS US

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

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<b>Physical state</b>	Gas.
<b>Form</b>	Aerosol.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	161.21 °F (71.78 °C) estimated
<b>Flash point</b>	-156.0 °F (-104.4 °C) PROPELLANT estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	4.3 % estimated
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	75 - 85 psig @70F estimated
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	699.8 °F (371 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>Specific gravity</b>	0.79 estimated

## 10. Stability and reactivity

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

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Headache. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity** May cause an allergic skin reaction.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Biphenyl-2-ol (CAS 90-43-7)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
	Rat	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	> 949 mg/m3, 1f <1L: Consumer Commodity Hours > 36 mg/m3, 4 Hours
<b>Oral</b>		
LD50	Rat	2733 mg/kg
Butane (CAS 106-97-8)		
<u>Acute</u>		
<b>Inhalation</b>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l
Ethyl Alcohol (CAS 64-17-5)		
<u>Acute</u>		
<b>Inhalation</b>		
LC50	Cat	85.41 mg/l, 4.5 Hours 43.68 mg/l, 6 Hours
	Mouse	> 60000 ppm 79.43 mg/l, 134 Minutes
	Rat	> 115.9 mg/l, 4 Hours 51.3 mg/l, 6 Hours
<b>Oral</b>		
LD50	Monkey	6000 mg/kg
	Mouse	10500 ml/kg
	Pig	> 5000 mg/kg
	Rat	10470 mg/kg 7800 ml/kg
Propane (CAS 74-98-6)		
<u>Acute</u>		
<b>Inhalation</b>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h
Sodium Nitrite (CAS 7632-00-0)		
<u>Acute</u>		
<b>Oral</b>		
LD50	Rat	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.

**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** 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**  
 Biphenyl-2-ol (CAS 90-43-7) 3 Not classifiable as to carcinogenicity to humans.  
**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**  
 Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**  
 Not listed.

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

**Specific target organ toxicity - single exposure** 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)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	1 - 2.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	3.4 mg/l, 96 hours
Ethyl Alcohol (CAS 64-17-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	7700 - 11200 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100.1 mg/l, 96 hours
Sodium Nitrite (CAS 7632-00-0)			
<b>Aquatic</b>			
Crustacea	EC50	Greasyback shrimp (Metapenaeus ensis)	16.14 - 26.61 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	0.15 - 0.25 mg/l, 96 hours

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

**Persistence and degradability** No data is available on the degradability of this product.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

Biphenyl-2-ol	3.09
Butane	2.89
Ethyl Alcohol	-0.31
Propane	2.36

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

<b>Disposal instructions</b>	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.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

### 14. Transport information

#### DOT

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

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

#### IATA

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

#### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.  
 Packaging Exceptions LTD QTY  
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.  
 DOT



IATA; IMDG



**15. Regulatory information**

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

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

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** No

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Biphenyl-2-ol	90-43-7	0.1 - 1
Sodium Nitrite	7632-00-0	0.1 - 1

**Other federal regulations**

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

Not regulated.

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

Butane (CAS 106-97-8)

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

**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))**

Butane (CAS 106-97-8)

**US. Massachusetts RTK - Substance List**

Biphenyl-2-ol (CAS 90-43-7)

Butane (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)

Butane (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)

Butane (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)

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

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

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

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

**Issue date** 05-06-2015

**Revision date** 11-11-2016

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

SOS US

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

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**Version #** 10

**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

Item # 190

# SAFETY DATA SHEET (SDS)

**SECTION 1: IDENTIFICATION OF PRODUCT**  
 Manufacturer: TRANS BULL INDUSTRIES INC., PO Box 28819  
 6101 Humphreys St., Harahan, LA 70083 (504) - 733-7865 PHONE NUMBER  
 (800) - 555-5053 INFOTRAC  
 www.gantryproducts.com

**TRADE NAME:** Neutral Fresh 32  
**CHEMICAL FAMILY:** Disinfectant  
**PRODUCT NUMBER:** 513B

**SECTION 2: HAZARD(S) IDENTIFICATION**  
 Hazard Category: Acute Toxicity - Oral, Category 4  
 Skin Corrosion/Irritation: Category 1  
 Serious Eye Damage/Eye Irritation: Category 1

**GHS LABEL ELEMENTS:** Symbols:  Signal Word: Caution

**Hazard Statements:**  
 Harmful if swallowed.  
 Causes severe skin burns and serious eye damage.

**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#
Quaternary Ammonium Compounds	1-5	71-92-9
CITRIC ACID	2-5	60-00-4
Sodium Ethylbenzodiaminetetraacetate	2-5	17087-87-0
Alcohol Ethoxylates	1-5	

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

**SECTION 4: FIRST AID MEASURES**

**IRRHIGATION:** Move to fresh air. Consult physician if symptoms persist.

**INGESTION:** Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Cover irritated skin with an emollient. Seek medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus.

**UNUSUAL HAZARDS:** None Known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**  
**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**  
 Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	TYHA	SEL
Quaternary Ammonium Compounds	Not Available				
CITRIC ACID	Not Available				
Sodium Ethylbenzodiaminetetraacetate	Not Available				
Alcohol Ethoxylates	Not Available				

**RESPIRATORY PROTECTION:** Yes/Other Protective Measures: (Yes/No) (omit contact with skin. Wash hands thoroughly after use.)

**PROTECTIVE GLOVES:** Yes/No

**EYE PROTECTION:** Yes/No

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear Blue Liquid
ODOR	Neutral/Fresh
pH	7
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	212°F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	9.00

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Extreme Temperatures

**INCOMPATIBLE MATERIALS:** strong acids and oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO

**SECTION 11: TOXICOLOGICAL INFORMATION**

**SCARCE/DEFICIT:** No

**HP:** No

**HAZARDOUS MOLECULAR WEIGHT:** No

**OSHA REGULATED:** No

**HEALTH HAZARDS - ACUTE/CHRONIC:**  
 May cause redness and irritation to eyes and skin. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, daitating and dermatitis.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Quaternary Ammonium Compounds	Not Available	Not Available	Not Available
CITRIC ACID	Not Available	Not Available	Not Available
Sodium Ethylbenzodiaminetetraacetate	Not Available	Not Available	Not Available
Alcohol Ethoxylates	>1000mg/kg	>2000mg/kg	>2000mg/kg

**SECTION 14: TRANSPORT INFORMATION:**

UN1903, Disinfectants Liquid Corrosive.  
 (Quaternary Ammonium Compound), B, PGIII

**Date:** June 1, 2015



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

Item # 195

# SAFETY DATA SHEET (SDS)

**SECTION 1: IDENTIFICATION OF PRODUCT**  
 TRADE NAME: Lemon 32  
 CHEMICAL FAMILY: Disinfectant  
 PRODUCT NUMBER: 5951

Manufacturer:  
**TRANS GULF INDUSTRIES, INC.**, PO Box 23809  
 6101 Humphreys St. Harahan, LA 70083 (504) - 733-7865 PHONE NUMBER  
 (800) - 535-5053 INTERNAC

**SECTION 2: HAZARD(S) IDENTIFICATION**

GHS LABEL ELEMENTS:  
 Acute Toxicity - Oral: Category 4  
 Skin Corrosion/Irritation: Category 1  
 Serious Eye Damage/Eye Irritation: Category 1

Symbols:

Signal Word: Caution

Hazard Statements:  
 Harmful if swallowed.  
 Causes severe skin burns and serious eye damage.

**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#
Quaternary Ammonium Compounds	1-5	77-92-9
CHLORIC ACID	2-5	67-69-4
Sodium Ethylenediaminetetraacetate	2-5	171097-07-0
Alcohol Ethoxylates	1-5	

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

**SECTION 4: FIRST AID MEASURES**

**IRRHIGATION**  
 Move to fresh air. Consult physician if symptoms persist.

**INGESTION**  
 Give large quantities of water. Then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT**  
 Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT**  
 Remove contaminated clothing. Wash skin thoroughly with soap and water. Cover irritated skin with an emollient. Seek medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT**  
 None

**EXTINGUISHING MEDIA**  
 As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES**  
 Wear self-contained full-face breathing apparatus.

**UNUSUAL HAZARDS**  
 None known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**LARGE SPILLS:**  
 Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:**  
 Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:**  
 Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**

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

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	IWA	STH
Quaternary Ammonium Compounds	Not Available				
CHLORIC ACID	Not Available				
Sodium Ethylenediaminetetraacetate	Not Available				
Alcohol Ethoxylates	Not Available				

**RESPIRATORY PROTECTION:** Yes/limit contact with skin. Wash hands thoroughly after use.

**PROTECTIVE GLOVES:** Yes

**EYE PROTECTION:** Yes

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Pige, Yellow Liquid

**BOILER:** Lemon

**pH:** 7

**RELATIVE DENSITY:** Unknown

**SOLUBILITY:** Completely

**BOILING POINT:** 212 F

**FLASH POINT:** N/A

**VAPOR PRESSURE:** N/A

**EVAPORATION RATE:** N/A

**VAPOR DENSITY:** N/A

**POUNDS PER GALLON:** 9.00

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID INCOMPATIBLE MATERIALS:** Extreme Temperatures, strong acids and oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO

**SECTION 11: TOXICOLOGICAL INFORMATION**

**CARCINOGENICITY:** No

**HP:** No

**MAP:** No

**MSHA REGULATED:** No

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

**Acute Toxicity Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation (L50)
Quaternary Ammonium Compounds	Not Available	Not Available	Not Available
CHLORIC ACID	Not Available	Not Available	Not Available
Sodium Ethylenediaminetetraacetate	Not Available	Not Available	Not Available
Alcohol Ethoxylates	>1000 mg/kg	>2000 mg/kg	Not Available

**SECTION 14: TRANSPORT INFORMATION:**

UN303, Disinfectants Liquid Corrosive,  
 (Quaternary Ammonium Compound), B, PGII

Date: June 1, 2015

HAZARD IDENTIFICATION:  
 HEALTH: 0  
 ENVIRONMENT: 0  
 INSTABILITY/REACTIVITY: 0  
 SPECIAL: 0

Item # 200

# SAFETY DATA SHEET (SDS)

### SECTION 1: IDENTIFICATION OF PRODUCT

**TRADE NAME:** Lenton 32  
**CHEMICAL FAMILY:** Disinfectant  
**PRODUCT NUMBER:** 5951

**Manufacturer:**  
**TRANS GULF INDUSTRIES INC., PO Box 23800**  
**6001 Hampden's St. Harahan, LA 70063 (504) - 733-7865 PHONE NUMBER**  
**(800) - 535-5053 HRFOTRAC**  
[www.pgiprproducts.com](http://www.pgiprproducts.com)

### SECTION 2: HAZARDS IDENTIFICATION

**Hazard Category:** Acute Toxicity - Oral, Category 4  
 Skin Corrosion/Irritation, Category 1  
 Serious Eye Damage/Eye Irritation, Category 1

**GHS LABEL ELEMENTS:**  
 Signal Word: Caution

**Symbols:**

**Hazard Statements:**  
 Harmful if swallowed.  
 Causes severe skin burns and serious eye damage.

**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#
Quaternary Ammonium Compounds	1-5	77-92-9
CHLORIC ACID	2-5	68-09-4
Sodium Ethylenediaminetetraacetate	2-5	177087-87-0
Alcohol Ethoxylates	1-5	

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

### SECTION 4: FIRST AID MEASURES

**INHALATION:** Move to fresh air. Consult physician if symptoms persist.

**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. Lift eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Cover irritated skin with an emollient. Seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus.

**UNUSUAL HAZARDS:** None known

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF CASE MATERIAL IS RELEASED OR SPILLED:**

**LARGE SPILLS:** Contain spill and pump to receiver. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

### SECTION 7: HANDLING AND STORAGE

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

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Quaternary Ammonium Compounds	Not Available				
CHLORIC ACID	Not Available				
Sodium Ethylenediaminetetraacetate	Not Available				
Alcohol Ethoxylates	Not Available				

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>RESPIRATORY PROTECTION</b>	Yes/OTHER PROTECTIVE MEASURES
<b>VENTILATION</b>	Yes/ Limit contact with skin. Wash hands thoroughly after use.
<b>PROTECTIVE GLOVES</b>	Yes/
<b>EYE PROTECTION</b>	Yes/
<b>APPEARANCE</b>	Clear, Yellow Liquid
<b>BOILER</b>	Lenton
<b>RELATIVE HUMIDITY</b>	Unknown
<b>SOLUBILITY</b>	Completely
<b>BOILING POINT</b>	212° F
<b>FLASH POINT</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>VAPOR DENSITY</b>	N/A
<b>POUNDS PER GALLON</b>	9.00

### SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable
<b>CONDITIONS TO AVOID POLYMERIZATION</b>	Will not occur
<b>CONDITIONS TO AVOID INCOMPATIBLE MATERIALS</b>	Extreme temperatures, strong acids and oxidizers

### SECTION 11: TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:** No

**HP:** No

**AMC MONOGRAPHS:** No

**ASMA REGULATED:** No

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

### SECTION 12: ECOTOXICITY INFORMATION

<b>Chemical Name</b>	Drat L050	<b>Inhalation (L50)</b>	Not Available
<b>Quaternary Ammonium Compounds</b>	Not Available	<b>Dermal L50</b>	Not Available
<b>CHLORIC ACID</b>	Not Available		Not Available
<b>Sodium Ethylenediaminetetraacetate</b>	Not Available		Not Available
<b>Alcohol Ethoxylates</b>	>1000 mg/kg		Not Available
	>2000 mg/kg		Not Available

### SECTION 14: TRANSPORT INFORMATION

**UN1830, Disinfectants Liquid Corrosive, (Quaternary Ammonium Compound), 9, PGH**

**Date:** June 1, 2015

**HAZARD IDENTIFICATION:**

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Issuing Date January 5, 2015

Revision Date New

Revision Number 0

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product Identifier**

**Product Name** Clorox Healthcare® Bleach Germicidal Cleaner

**Other means of identification**

**EPA Registration Number** 56392-7

**Recommended use of the chemical and restrictions on use**

**Recommended use** Disinfecting bleach spray

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**

The Clorox Company  
1221 Broadway  
Oakland, CA 94612

Phone: 1-510-271-7000

**Emergency telephone number**

**Emergency Phone Numbers**

For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

**2. HAZARDS IDENTIFICATION****Classification**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS Label elements, including precautionary statements****Emergency Overview**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Appearance** Clear, colorless

**Physical State** Thin liquid

**Odor** Fruity, floral, bleach

**Precautionary Statements - Prevention**

None

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.03% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

Reacts with ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners to produce hazardous gases, such as chlorine and other chlorinated compounds.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This product contains no substances that at their given concentrations are considered to be hazardous to health.

#### 4. FIRST AID MEASURES

##### First aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15–20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Rinse skin with plenty of water. If irritation persists, call a doctor.
<b>Inhalation</b>	Move to fresh air. If breathing problems develop, call a doctor.
<b>Ingestion</b>	Drink a glassful of water. Call a doctor or poison control center.

##### Most important symptoms and effects, both acute and delayed

<b>Most Important Symptoms and Effects</b>	May cause eye irritation.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

##### Specific Hazards Arising from the Chemical

##### **Hazardous Combustion Products**

Oxides of carbon.

##### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

##### Protective equipment and precautions for firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Avoid contact with eyes.
<b>Other Information</b>	Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

<b>Environmental Precautions</b>	See Section 12 for additional ecological information.
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### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.
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### Conditions for safe storage, including any incompatibilities

<b>Storage</b>	Keep containers tightly closed in a dry, cool, and well-ventilated place.
<b>Incompatible Products</b>	Ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

<b>Exposure Guidelines</b>	This product does not contain any ingredients with occupational exposure limits that are at concentrations below their cut-off values/concentrations and that contribute to the hazard classification of the product.
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### Appropriate engineering controls

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
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### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Physical State	Thin liquid	Odor	Fruity, floral, bleach
Appearance	Clear	Odor Threshold	No information available
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	12 - 12.7	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	~1.0	None known
Water Solubility	Complete	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

### Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

Reacts with ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners to produce hazardous gases, such as chlorine and other chlorinated compounds.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

Ammonia or acids such as vinegar, rust removers, or toilet bowl cleaners.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Inhalation	Exposure to vapor or mist may irritate respiratory tract.
Eye Contact	May cause irritation.
Skin Contact	May cause slight irritation.
Ingestion	Ingestion may cause slight irritation to mucous membranes and gastrointestinal tract.

#### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite 7681-52-9	8200 mg/kg (Rat)	>10000 mg/kg (Rabbit)	-

### Information on toxicological effects

**Symptoms** Liquid may cause redness and tearing of eyes.

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

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9	-	Group 3	-	-

*IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** Respiratory system, eyes, skin, gastrointestinal tract (GI).

**Aspiration Hazard** No information available.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document  
No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****Disposal methods**

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

**Contaminated Packaging**

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated.
<b><u>TDG</u></b>	Not regulated.
<b><u>ICAO</u></b>	Not regulated.
<b><u>IATA</u></b>	Not regulated.
<b><u>IMDG/IMO</u></b>	Not regulated.

**15. REGULATORY INFORMATION****Chemical Inventories**

<b>TSCA</b>	All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
<b>DSL/NDSL</b>	All components are on the DSL or NDSL.

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

**U.S. Federal Regulations****SARA 313**

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

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

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

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9	100 lb			X
Sodium hydroxide 1310-73-2	1000 lb			X

**CERCLA**

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

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium hypochlorite 7681-52-9	X	X	X	X	
Sodium hydroxide 1310-73-2	X	X	X	X	

**International Regulations****Canada****WHMIS Hazard Class**

Non-controlled

<b>16. OTHER INFORMATION</b>
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<b>NFPA</b>	Health Hazard	1	Flammability	0	Instability	1	Physical and Chemical Hazards	none
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<b>HMIS</b>	Health Hazard	1	Flammability	0	Physical Hazard	1	Personal Protection	A
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<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Preparation/Revision Date</b>	January 5, 2015
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<b>Revision Note</b>	New
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<b>Reference</b>	CLX166469-001/1138504/166469.001
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**General Disclaimer**

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

End of Safety Data Sheet

TG-5992

Economical Janitorial & Paper Supplies, Inc.  
755-C East Airline Drive Kenner, LA 70062

# MATERIAL SAFETY DATA SHEET

Date: **JANUARY 1, 2004**

EMERGENCY  
PHONE NUMBER  
(800) 535-5053 INFOTRAC

SECTION I TRADE NAME : HI-TECH MINT DISINFECTANT  
IDENTIFICATION CHEMICAL FAMILY : DISINFECTANT  
OF PRODUCT PRODUCT NUMBER : 5992  
SHIPPING DESCRIPTION: CLEANING COMPOUND, NOS

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

### SECTION 313 - SUPPLIER NOTIFICATION:

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

NONE  
THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

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

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA:

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

### SECTION V - REACTIVITY DATA:

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

### SECTION VI - HEALTH HAZARDS DATA:

THRESHOLD LIMIT VALUE = NOT ESTABLISHED

CARCINOGENICITY =  
NTP = NO  
IARC MONOGRAPHS = NO  
OSHA REGULATED = NO

HEALTH HAZARDS ACUTE/CHRONIC = EYES: MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. EMERGENCY FIRST AID PROCEDURES =

INHALATION = MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.  
INGESTION = GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT = FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.  
SKIN CONTACT = REMOVE CONTAMINATED CLOTHING. RINSE SKIN THOROUGHLY WITH SOAP AND WATER.

### SECTION VII - PRECAUTIONS FOR SAFE HANDLING:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
LARGE SPILLS: CONTAIN SPILL AND PUMP TO RECOVER

SMALL SPILLS: SPILL CAN BE MOPPED UP THEN FLUSH CONTAMINATED AREA WITH PLENTY OF WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

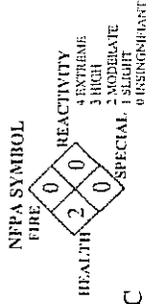
PRECAUTIONS TO TAKE IN HANDLING & STORAGE: STORE IN COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

### SECTION VIII - CONTROL MEASURES:

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

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

ITEM# 210



# SAFETY DATA SHEET (SDS)

ITEM # 215

**SECTION 1: IDENTIFICATION OF PRODUCT**  
 TRADE NAME: 80% Pine Oil Deodorant Cleaner  
 CHEMICAL FAMILY: Cleaning Compound  
 PRODUCT NUMBER: 5877

**DISTRIBUTOR:**  
 ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.  
 1420-F SANS AVENUE, HARRAHAN, LA 70123 (504) 484-7066

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

**SECTION 2: HAZARD(S) IDENTIFICATION**  
 Hazard Category: Skin Corrosion/Irritation: Category 1  
 Serious Eye Damage/Eye Irritation: Category 1

**GHS LABEL ELEMENTS:**  
 Signal Word: Danger  
 Symbols:

**Hazard Statements:**  
 Causes severe skin burns and serious eye damage.



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

**SECTION 3: COMPOSITION**

Chemical Name	CAS#	%
distilled tall oil	6780-12-3	1-5
IPA	67-63-0	2-5
Pine Oil	8002-08-3	80
potassium hydroxide	1310-58-3	2-5

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

**SECTION 4: FIRST AID MEASURES**

<b>INHALATION</b>	Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.
<b>INGESTION</b>	Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.
<b>EYE CONTACT</b>	Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.
<b>SKIN CONTACT</b>	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**

<b>FLASH POINT</b>	None
<b>EXTINGUISHING MEDIA</b>	Dry chemical foam spray
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	Wear self-contained full-face breathing apparatus and full protective clothing.
<b>UNUSUAL HAZARDS</b>	None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>LARGE SPILLS:</b>	Contain spill and pump to recover. Can be diked with earth. All cleanup material should be stored in approved containers for proper disposal.
<b>SMALL SPILLS:</b>	Absorb by dirt, sand or suitable absorbents for disposal.
<b>OTHER PRECAUTIONS:</b>	Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
distilled tall oil	Not Available	Not Available	Not Available	Not Available	Not Available
IPA	Not Available	Not Available	Not Available	200 ppm	Not Available
Pine Oil	Not Available	Not Available	Not Available	Not Available	Not Available
potassium hydroxide	2 mg/m <sup>3</sup>	Not Available	Not Available	Not Available	Not Available

**RESPIRATORY PROTECTION**

VENTILATION	Yes	Other Protective Measures
PROTECTIVE GLOVES	Yes	Limit contact with skin. Wash hands thoroughly after use.
EYE PROTECTION	Yes	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	Amber Liquid
<b>ODOR</b>	Pine
<b>pH</b>	10
<b>RELATIVE DENSITY</b>	Unknown
<b>SOLUBILITY</b>	Completely
<b>BOILING POINT</b>	> 212° F
<b>FLASH POINT</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>VAPOR DENSITY</b>	N/A
<b>POUNDS PER GALLON</b>	8.34

**SECTION 10: STABILITY AND REACTIVITY**

<b>STABILITY</b>	Stable
<b>CONDITIONS TO AVOID POLYMERIZATION</b>	Will not occur
<b>CONDITIONS TO AVOID INCOMPATIBLE MATERIALS</b>	Extreme Temperatures
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS</b>	Strong oxidizers, CO <sub>2</sub> and carbon monoxide

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>LC50 (CARCINOGENIC)</b>	No
<b>LD50 (TTP)</b>	No
<b>LD50 (MORPHOGENS)</b>	No
<b>OSHA REGULATED</b>	

**Acute Toxicity Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
distilled tall oil	Not Available	Not Available	Not Available
IPA	5,045 mg/kg	12,800 mg/kg	Not Available
Pine Oil	3200 mg/kg	5 g/kg	Not Available
potassium hydroxide	Not Available	Not Available	Not Available

**SECTION 14: TRANSPORT INFORMATION:**

**HEALTH**

**FLAMMABILITY**

**DATE: June 1, 2015**

**INSTABILITY/REACTIVITY**

4 EXTREME  
3 HIGH  
2 MODERATE  
1 SLIGHT  
0 UNDESIRABLE

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# SAFETY DATA SHEET (SDS)

I Form # 230

## SECTION 1: IDENTIFICATION OF PRODUCT

**TRADE NAME:** Sulfuric Acid Brain Cleaner  
**CHEMICAL FAMILY:** Acid  
**PRODUCT NUMBER:** Z000

**Distributor:**  
**ECORNDICAL JANITORIAL & PAPER SUPPLIES, INC.**  
 1620 F SAKS AVENUE, WAGAHAR, LA 70121 (504) 454-7166  
 (800) 553-5053 (M-F) 9A-5P

**EMERGENCY PHONE NUMBER:**  
 (800) 553-5053 (M-F) 9A-5P

## SECTION 2: HAZARD(S) IDENTIFICATION

**Acute Toxicity:**  
 Skin Corrosion/Irritation: Category 1A  
 Serious Eye Damage/Eye Irritation: Category 1  
 Specific Target Organ Toxicity (Single Exposure): Category 3  
 Target Organs - Respiratory system.

**GHS LABEL ELEMENTS:**  
 Signal Word: Danger  
 Symbols:

**Hazard Statements:**  
 Causes severe skin burns and eye damage  
 May cause respiratory irritation

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

## SECTION 3: COMPOSITION

Chemical Name	%	CAS#
Sulfuric Acid	100	7664-93-9

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:** Call physician immediately. Do NOT induce vomiting. If conscious, give large amounts of water, milk, or milk of Magnesia. Treat for symptoms of shock.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes. Lift up eyelids occasionally. Get medical attention immediately. Flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** Dry Chemical, CO<sub>2</sub> or Foam

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing. Avoid spraying water into containers; reaction may be violent.

**UNUSUAL HAZARDS:** Product reacts violently when water is added. Temperature rise to 250 degrees F.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILLS:** Flush continuously with water to neutralize acid area. Sprinkle with baking soda, soda ash, or lime. Use only wet clay or sand to pick up spill. Do NOT use sand or rags.

**SMALL SPILLS:** 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.

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## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	YTL	SHL
Sulfuric Acid	1 mg/m <sup>3</sup>	Not Available	Not Available	Not Available	Not Available

## SECTION 9: OTHER PROTECTIVE MEASURES

**WASHING:** Limit contact with skin. Wash hands thoroughly after use.

## SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Dark liquid
<b>SMELL:</b>	Astute
<b>RELATIVE DENSITY:</b>	Unknown
<b>SOLUBILITY:</b>	Completely
<b>BOLLING POINT:</b>	290 - 308 °C / 554 - 640 °F
<b>VAPOR PRESSURE:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOR DENSITY:</b>	N/A
<b>BOILING HEAT CAPACITY:</b>	14.0-15.0 (kJ/kg)

## SECTION 11: STABILITY AND REACTIVITY

**STABILITY:** Reacts violently with water. Hygroscopic. VIA not occur.

**CONDITIONS TO AVOID POLYMERIZATION:** None

**CONDITIONS TO AVOID:** Incompatible products: bases, heat. Exposure to metal air or water.

**INCOMPATIBLE MATERIALS:** Water, Organic materials, Strong acids, Strong bases, Metals, Mercaptans, Cyanides, Sulfides, Sulfur oxides, Hydrogen

## SECTION 12: TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:** No

**ATP:** No

**LARGE MAMMOGRAMS:** No

**FISH REPRODUCTION:** No

**Acute Toxicity Information:**

Chemical Name	Test Dose	Acute Toxicity Information
Sulfuric acid	2140 mg/kg	Not Available
	Inhalation LC50	510 mg/m <sup>3</sup>

## SECTION 14: TRANSPORT INFORMATION:

**UN1830, SULPHURIC ACID, 8, PG II**

**Date:** June 1, 2015

**HAZARD ID:** 02

**TRANS GULF INDUSTRIES, INC. P.O. Box 28089**  
 6101 Humphreys St. Houston, TX 77063 (504) - 733-7865  
 www.transgulf.com

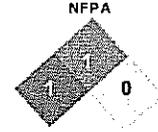
**REGISTRATION NUMBER:** 02

Item # 310



SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name: Brillo Soap Pad(s)
Manufacturer Name: http://www.continentalcommercialproducts.com/contact.htm
Address: 305 Rock Industrial Park Drive, Bridgeton, MD 63044 USA
Website: http://www.continentalcommercialproducts.com/contact.htm
Emergency Phone Number: 1-800-424-9300
CHEMTREC: 800-424-9300 (24 hours everyday)
Canutec: (613) 996-6666 (Canada 24 hours everyday)



HMIS table with rows: Health Hazard (1), Fire Hazard (1), Reactivity (0), Personal Protection (X)

SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

Table with 3 columns: Chemical Name, CAS#, Ingredient Percent. Rows include Steel wool (CAS# 7439-89-6) and Soap mix (Proprietary).

SECTION 3 : HAZARDS IDENTIFICATION

Emergency Overview: WARNING! Irritant.
Route of Exposure: Eyes, Skin, Inhalation, Ingestion.
Potential Health Effects:
Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: May cause irritation.
Ingestion: May be harmful if swallowed. May cause vomiting.
Target Organs: Eyes Respiratory system.
Aggravation of Pre-Existing Conditions: None generally recognized.

SECTION 4 : FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes.
Skin Contact: Immediately wash skin with soap and plenty of water.
Inhalation: If inhaled, remove to fresh air.
Ingestion: If swallowed, do NOT induce vomiting.

SECTION 5 : FIRE FIGHTING MEASURES

Flammable Properties: Steel wool will ignite with a spark or live electrical current.
Flash Point: Not determined.
Auto Ignition Temperature: Not determined.

Lower Flammable/Explosive Limit: Not determined.

Upper Flammable/Explosive Limit: Not determined.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA Ratings:**

NFPA Health: 1

NFPA Flammability: 1

NFPA Reactivity: 0

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.

Spill Cleanup Measures: Shovel or sweep up for re-use or disposal. Avoid creating dusty conditions. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

**SECTION 7 : HANDLING and STORAGE**

Handling: Use with adequate ventilation. Avoid breathing dust or particulates.

Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.

Hygiene Practices: Wash thoroughly after handling.

**SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES**

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection Description: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**EXPOSURE GUIDELINES**

**Steel wool:**

Guideline ACGIH: TLV-TWA: 10 mg/m3 Total particulate/dust (T)

Guideline OSHA: PEL-TWA: 5 mg/m3 Respirable fraction (R)

PEL-TWA: 15 mg/m3 Total particulate/dust (T)

**Soap mix:**

Guideline ACGIH: Not established.

Guideline OSHA: Not established.

**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

Physical State Appearance: Fragrant pink steel pads

Boiling Point: Not determined.

Melting Point: Not determined.

Solubility: Not determined.

Vapor Density: Not determined.

Vapor Pressure: Not determined.

Evaporation Rate: Not determined.

pH: Not determined.

Flash Point: Not determined.

Auto Ignition Temperature: Not determined.

**SECTION 10 : STABILITY and REACTIVITY**

Chemical Stability: Stable under normal temperatures and pressures.  
Hazardous Polymerization: Not reported.  
Conditions to Avoid: Extreme heat, sparks, and open flame. Avoid contact with electricity.  
Incompatible Materials: Reactive with oxidizing agents. Organic solvents, esters, amines and aldehydes will dissolve product.

#### SECTION 11 : TOXICOLOGICAL INFORMATION

**Steel wool:**

RTECS Number: NO8225000  
Inhalation: Inhalation - Rat TCLo : 150 mg/m3/4H/78W-I [Lungs, Thorax, or Respiration - Other changes Liver - Other changes Nutritional and Gross Metabolic - Weight loss or decreased weight gain]

#### SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product.  
Environmental Fate: No environmental information found for this product.

#### SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.  
RCRA Number: Not determined.

#### SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated.  
IATA Shipping Name: Not Regulated.  
Canadian Shipping Name: Not Regulated.  
IMDG Shipping Name : Not Regulated.  
ADR Shipping Name : Not Regulated.  
MEX Shipping Name : Not Regulated.

#### SECTION 15 : REGULATORY INFORMATION

**Steel wool:**

TSCA Inventory Status: Listed  
Canada DSL: Listed

#### SECTION 16 : ADDITIONAL INFORMATION

**HMIS Ratings:**

HMIS Health Hazard: 1  
HMIS Fire Hazard: 1  
HMIS Reactivity: 0  
HMIS Personal Protection: X

SDS Creation Date: May 10, 2012  
SDS Revision Date: May 10, 2012  
SDS Format:  
MSDS Author: Actio Corporation

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# SAFETY DATA SHEET (SDS)

Item # 370

### SECTION 1: IDENTIFICATION OF PRODUCT

**TRADE NAME:** Undersseal  
**CHEMICAL FAMILY:** Floor Finish  
**PRODUCT NUMBER:** 5417

**DISTRIBUTOR:**  
 ECONOMIC JANTHRIAL & PAPER SUPPLIES, INC.  
 1620-F SANS AVENUE, HARAHAN, LA 70123 (504) 464-7066  
 (800) -- 535-5053 INOTRAC

### SECTION 2: HAZARD(S) IDENTIFICATION

**Hazard Category:** 2B GHS LABEL ELEMENTS:  
 Signal Word: Warning  
 Symbols: None

**Hazard Statements:**  
 Eyes: Causes Eye Irritation

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

### SECTION 3: COMPOSITION

Chemical Name	%	CAS#
Acrylic polymer	1-5	Proprietary
Nonylphenol Ethoxylates	2-5	P27087-87-0

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

### SECTION 4: FIRST AID MEASURES

**IRRHALATION:** Move to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

**INGESTION:** Give large quantities of water, then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes, lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

### SECTION 5: FIRE-FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing.

**UNUSUAL HAZARDS:** None

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

### SECTION 7: HANDLING AND STORAGE

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

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Acrylic Polymer	Not Available				
Nonylphenol Ethoxylates	Not Available				

### RESPIRATORY PROTECTION

Yes  No  Other Protective Measures: Limit contact with skin. Wash hands thoroughly after use.

### PROTECTIVE GLOVES

Yes  No

### EYE PROTECTION

Yes  No

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Milky Pink
ODOR	Mild
pH	8
RELATIVE DENSITY	Unknown
SOLUBILITY	Completely
BOILING POINT	212°F
FLASH POINT	N/A
VAPOR PRESSURE	N/A
EVAPORATION RATE	N/A
VAPOR DENSITY	N/A
POUNDS PER GALLON	8.56

### SECTION 10: STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID POLYMERIZATION	Will not occur
CONDITIONS TO AVOID	Extreme Temperatures
INCOMPATIBLE MATERIALS	None
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	CO <sub>2</sub> , CO

### SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY	No
MTP	No
LARG. MAMMOGRAPHS	No
OSHA REGULATED	No

### Acute Toxicity Information

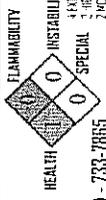
Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acrylic Polymer	Not Available	Not Available	Not Available
Nonylphenol Ethoxylates			

### SECTION 14: TRANSPORT INFORMATION:

**NOT REGULATED**  
**NON HAZARDOUS**

Date: June 1, 2015

Manufacturer:  
 TRAMS GULF INDUSTRIES INC., PO Box 238009  
 5100 Humphreys St. Harahan, LA 70123 (504) - 733-7855  
 www.genfryproducts.com



HEALTH 0  
 ENVIRONMENT 0  
 FLAMMABILITY 0

HAZARD IDENTIFICATION  
 INSTABILITY/REACTIVITY 0  
 SPECIM 0

**SAFETY DATA SHEET**

**HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP**

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Name : HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP

Product Codes : 5009, 5012, 5019, 5065, 5067, 5082, 5093, 65036, 30441

Recommended use : General purpose antibacterial hand soap

Product dilution information : Product is sold ready to use.

Company : Kutol Products Company  
100 Partnership Way  
Sharonville, Ohio 45241-1571  
1-800-543-4641

Chemtrec Phone : 1-800-424-9300

Issuing date : 01/20/2015

**SECTION 2 – HAZARD(S) IDENTIFICATION**

GHS Classification : Category 2B  
Eye irritation

GHS Label Element  
Hazards pictograms



Signal Word : Warning

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

Other Hazards : None known.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>Concentration (%)</u>	<u>CAS No.</u>
AMMONIUM LAURYL SULFATE (ALS 30 %)	20 – 25	68585-34-2
SODIUM LAURETH SULFATE (SLES 60 %)	5 - 10	9004-82-4

## SAFETY DATA SHEET

### HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP

#### SECTION 4 – FIRST AID MEASURES

- In case of eye contact : Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.
- In case of skin contact : If irritation persists, wash with water.
- If ingested : Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.
- If inhaled : Get medical attention if symptoms occur.
- Protection of first-aiders : No special precautions are necessary.
- Notes to physicians : Treat symptomatically.

#### SECTION 5 – FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.
- Specific hazards during firefighting : No flammable or combustible.
- Hazardous combustions products : Carbon oxides
- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions : No special measures required.
- Environmental precautions : Avoid contact of large amounts of spilled material runoff with soil and surface waterways.
- Methods of cleaning up : Absorb with inert material. Use a water rinse for final clean-up.

#### SECTION 7 – HANDLING AND STORAGE

- Handling : Wash hands after handling.
- Storage : Keep out of reach of children. Keep container tightly closed. Store between 32 to 122 degrees F.

#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures : Good general ventilation should be sufficient to control workers exposure to airborne contamination.
- Personal protection
- Eyes : Eye protection should be used when splashing may occur.
- Hands : No protective equipment is needed under normal use.
- Skin : No protective equipment is needed under normal use.
- Respiratory : No protective equipment is needed under normal use.

**SAFETY DATA SHEET**

**HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP**

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<p>Appearance: Viscous amber liquid          Odor: Spicy floral fragrance          Odor Threshold: No data available          pH: 6.3 typical          Melting point/freezing point: N/A          Initial boiling and boiling range: N/A          Flash point: N/A          Evaporation rate: &lt;1          Flammability (solid, gas): No data available</p>	<p>Upper/lower flammability limits: N/A          Vapor pressure: N/A          Vapor density: N/A          Relative density: No data available.          Solubility (ies): No data available.          Partition coefficient: n-octanol/water: No data available.          Auto ignition temperature: N/A          Decomposition temperature: No data available.          Viscosity: 5,000 CPS @ 77 F or 25 C</p>
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**SECTION 10 – STABILITY AND REACTIVITY**

Stability	:	The product is stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction is known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Carbon oxides

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Information on likely routines of exposure : Inhalation, eye contact, skin contact.

**Potential Health Effects**

Eyes	:	Cause of irritation.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic exposure	:	Health injuries are not known or expected under normal use.

**Experience with Human Exposure**

Eye contact	:	Redness, irritation.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

**Toxicity**

Acute oral toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	Mild eye irritation.
Respiratory or skin sensitization	:	No data available.

**SAFETY DATA SHEET**

**HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP**

**Carcinogenicity**  
**IARC** : No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.  
**OSHA** : No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.  
**NTP** : No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecological Tests** : Data is not available.  
**Environmental Impact** : The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Disposal methods** : The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.  
**Disposal considerations** : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

**SECTION 14 – TRANSPORT INFORMATION**

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	Not dangerous goods	N/A	N/A	None
IATA (Air)	Not dangerous goods	N/A	N/A	None
IMDG (Vessel)	Not dangerous goods	N/A	N/A	None

**SAFETY DATA SHEET**

**HEALTH GUARD ANTIBACTERIAL / ANTIBACTERIAL HAND SOAP**

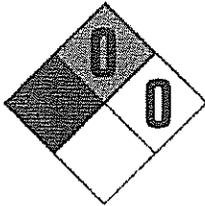
**SECTION 15 – REGULATORY INFORMATION**

**U.S. Federal regulations**

- TSCA 8(b) Inventory : All components are listed or exempted.
- SARA 302/304/311/312 : No listed substance.
- Extremely Hazardous Substances
- SARA 302/304 Emergency : No listed substance.
- Planning and Notification

**SECTION 16 - OTHER INFORMATION**

**NFPA 704:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

- Issuing date : 01/20/2015
- Version : 1.0
- Prepared by : Regulatory Compliance

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 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 conjunction with any other materials or in any process, unless specified in the text.



Revision Number: 018.0

Issue Date: 05/06/2015

**1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

**Product identifier used on the label:**

- Tone® Cocoa Butter - Original, Mango Splash
- Tone® Daily Detox
- Dial® Antibacterial Deodorant—Gold, White, SpringWater, Tropical Escape, Aloe, Mountain Fresh, Lavender & Twilight Jasmine
- Dial® For Men - Odor Armor, Power Scrub

**Other means of identification:**

1664123 (Original); 1784764 (Mango Splash); 1650512 (Tone Daily Detox); 1709635 (Dial Gold AB); 1760043 (White AB); 1767738 (Spring Water AB); 1760024 (Tropical Escape AB); 1650122 (Aloe AB); 1655846 (Mountain Fresh AB); 1791677 (Lavender & Twilight Jasmine AB); 1834806 (DFM Odor Armor), 1832102 (DFM Power Scrub)

**Recommended use of the chemical and restrictions on use:** Bar Soap. No restrictions on use

**Name, address and telephone number of the chemical manufacturer:**

The Dial Corporation, a Henkel Company  
 7201 E. Henkel Way  
 Scottsdale, AZ 85255-9672 USA

CHEMTREC: 1-800-424-9300 (24 hours daily)  
 Internet: www.henkelna.com

**Emergency telephone number:** Medical Emergencies: 1-888-689-9082

**2. HAZARD IDENTIFICATION**

The hazards described in this OSHA Globally Harmonized System Safety Data Sheet (SDS) are not intended for consumers, and does not address consumer use of the product. For information regarding consumer applications of this product, refer to the product label.

Classification of the substance or mixture in accordance with paragraph (d) of §1910.1200

HAZARD CLASS	HAZARD CATEGORY
EYE IRRITATION	2B

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200

**Signal word:** WARNING  
**Hazard Statement(s):** Causes eye irritation.  
**Symbol(s):** None

**Precautionary Statements**

**Prevention:** Wash thoroughly after handling.  
**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical attention.  
**Storage:** Not prescribed  
**Disposal:** Not prescribed

**Hazards not otherwise classified:** Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

The following chemicals are classified as health hazards in accordance with paragraph (d) of § 1910.1200.

Bar Soap	The Dial Corporation, a Henkel Company; 7201 E. Henkel Way; Scottsdale, AZ 85255-9672	Page 1 of 5
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Chemical Name*	CAS Number (Unique Identifier)	Concentration
Fatty acids, tallow, sodium salts	8052-48-0	60 – 100 %
Glycerol	56-81-5	1 – 5 %
Cosmetic Grade Talc	14807-96-6	1 – 5 %

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld because a trade secret is claimed in accordance with paragraph (i) of §1910.1200.

#### 4. FIRST AID MEASURES

##### Description of necessary measures

**Inhalation:** First aid measures not required  
**Skin contact:** First aid measures not required  
**Eye contact:** Rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation develops.  
**Ingestion:** Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. Contact physician or local poison control center.

##### Most important symptoms and effects, both acute and delayed

After eye contact: Can cause mild to moderate eye irritation. After skin contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis. After ingestion: Nausea and possible vomiting may occur. After inhalation: Unlikely to occur due to the physical properties of the product.

##### Indication of any immediate medical attention and special treatment needed

After eye contact: Rinse eyes with plenty of water until no evidence of product remains. After skin contact: Rinse affected area with large amounts of water until no evidence of product remains. After ingestion: Dilution by rinsing the mouth and giving a glass of water to drink is generally recommended. After inhalation: Remove from exposure area to fresh air.

#### 5. FIRE FIGHTING MEASURES

##### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Dry chemical, carbon dioxide, water spray or regular foam.  
**Unsuitable extinguishing media:** None known

##### Specific hazards arising from the chemical

Oxides of carbon.

##### Special protective equipment and precautions for fire-fighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Shut off all ignition sources. Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as a fog, solid streams may be ineffective. Avoid breathing hazardous vapors, keep upwind.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Wear skin, eye and respiratory protection as recommended in Section 8. Stop leak if you can do it without risk. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Make sure area is slip-free before re-opening to traffic.

##### Environmental Precautions

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

##### Methods and materials for containment and cleaning up

**SMALL SPILLS:** Sweep or scoop up and place into containers for later disposal. Wash site of spillage thoroughly with water. **LARGE SPILLS:** Sweep or scoop up and place into suitable clean, dry containers for reclamation or later disposal. Do not flush spilled material into sewer. Dispose in suitable waste container. Keep unnecessary people away from spill.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

Do not get in eyes. Do not take internally. Use with adequate ventilation. Keep the containers closed when not in use.

##### Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Hazardous Component(s)	ACGIH	OSHA PEL	AIHA WEEL	OTHER
Glycerol	None	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Talc	2 mg/m3 TWA Respirable fraction.	20 MPPCF TWA. 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable. 0.3 mg/m3 TWA Total dust.	None	50 ppm

#### Appropriate engineering controls

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

#### Individual protection measures

**Respiratory:** Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

**Eye:** Safety glasses are required to prevent eye contact where dusty conditions may occur.

**Hand/Body:** Protective gloves are required where repeated or prolonged skin contact may occur. Protective clothing is required where repeated or prolonged skin contact may occur.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	solid, gold
<b>Odor:</b>	pleasant
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not applicable
<b>Melting point/ range:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Flash point:</b>	Not applicable
<b>Evaporation rate:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Vapor density:</b>	Not available.
<b>Solubility in water:</b>	Nearly Soluble
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>Autoignition temperature:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>VOC content:</b>	Not available.
<b>Specific gravity:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This product may react with strong oxidizers.
<b>Chemical stability:</b>	Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization has not been reported to occur under normal temperatures and pressures.
<b>Conditions to avoid:</b>	Avoid storing in direct sunlight and avoid extremes of temperature.
<b>Incompatible materials:</b>	Strong oxidizers, acids, peroxides.
<b>Hazardous decomposition products:</b>	Thermal decomposition may release oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

#### Likely routes of exposure including symptoms related to characteristics

<b>Inhalation:</b>	Unlikely to occur due to the physical properties of the product. At elevated temperatures, vapors or mists may cause irritation.
<b>Skin contact:</b>	Repeated or prolonged excessive exposure may cause irritation or dermatitis.
<b>Eye contact:</b>	Can cause mild to moderate eye irritation.
<b>Ingestion:</b>	May cause mild gastrointestinal irritation with nausea, vomiting, diarrhea and abdominal pain.
<b>Physical/Chemical:</b>	No physical/chemical hazards are anticipated for this product.

#### Other relevant toxicity information:

This product is a personal care or cosmetic product. Direct contact with eyes may cause irritation. No adverse effects are anticipated to skin from normal use.

Numerical measures of toxicity, including delayed and immediate effect

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Fatty acids, tallow, sodium salts	None	Irritant
Cosmetic Grade Talc	None	Irritant, Lung
Glycerol	None	Blood, Irritant, Kidney, Nuisance dust

**Carcinogenicity information**

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Fatty acids, tallow, sodium salts	No	No	No
Cosmetic Grade Talc	No	No	No
Glycerol	No	No	No

**Carcinogenicity** None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).  
**Mutagenicity** None of the ingredients in this product are known to cause mutagenicity.  
**Toxicity to reproduction** None of the ingredients in this product are known to have reproductive, fetal, or developmental hazards.

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:**

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions. The following toxicity information is available for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

**Toxicity to fish:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to aquatic invertebrates:**

The aquatic toxicity profile of this product has not been determined.

**Toxicity to algae:**

The aquatic toxicity profile of this product has not been determined.

**Persistence and Degradability:** The persistence and degradability of this product has not been determined. The hazardous ingredients are readily biodegradable.

Hazardous substances	Result value	Route of application	Species	Method
Fatty acids, tallow, sodium salts	Readily biodegradable	aerobic	72 %	EU Method C.4-E (closed bottle)
Glycerol	Readily biodegradable	aerobic	90 – 94 %	EU Method C.4-E (closed bottle)

**Bioaccumulation Potential:** The bioaccumulation potential of this product has not been determined.

**Mobility:** The mobility of this product (in soil and water) has not been determined.

**13. DISPOSAL CONSIDERATIONS**

**Waste Number and Description:** Not applicable, not regulated.

**Disposal Considerations:**

**Disposal of products:** This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

**Disposal of packages:** Place in trash.

**Additional information:** Observe all federal, state and local regulations when storing or disposing of this substance

**14. TRANSPORT INFORMATION**

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

**U.S. Department of Transportation Ground (49 CFR)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None

Identification number: None  
Packing group: None

**Water Transportation (IMO/IMDG)**

Proper shipping name: Not regulated  
Hazard class or division: None  
Identification number: None  
Packing group: None

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## 15. REGULATORY INFORMATION

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**Occupational safety and health act:** Hazard Communication Standard, 29 CFR 1910.1200(g) Appendix D: The Occupational Safety and Health Administration (OSHA) require that the Safety Data Sheets (SDSs) are readily accessible to employees for all hazardous chemicals in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

**United States Regulatory Information:**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis  
**CERCLA/SARA Section 302:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Not available.  
**CERCLA/SARA Section 313:** None above reporting de minimis  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information:**

**CEPA DSL/NDL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

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## 16. OTHER INFORMATION

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**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

**This safety data sheet contains changes from the previous version in sections:** New Safety Data Sheet format.

**Prepared by:** R&D Support Services

**Issue date:** 05/06/2015

**Supersedes:** Rev. 17, 04/09/2015

Item # 390



NEW WORLD  
IMPORTS

January 1, 2014

This letter is in reference to your request for a SDS (formally known as MSDS sheet). Based on our review, Freshscent #3/4 Deodorant Soap / Item S34 is exempt from the OSHA Hazardous Communication Standard (29 CFR 1910.1200), SDS and/or labeling requirements based on one or more of the exceptions in the standard as outlined below.

1910.1200(b)(6)(ix)

Any consumer product or hazardous substance, as those terms are defined in the Consumer Product Safety Act (15 U.S.C. 2051 *et seq.*) and Federal Hazardous Substances Act (15 U.S.C. 1261 *et seq.*) respectively, where the employer can show that it is used in the workplace for the purpose intended by the chemical manufacturer or importer of the product, and the use results in a duration and frequency of exposure which is not greater than the range of exposures that could reasonably be experienced by consumers when used for the purpose intended;

1910.1200(b)(6)(v)

Articles as that term is defined in paragraph (c) of this section: 1910.1200(c) *Definitions - Article* means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, *e.g.*, minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.

And specific to labeling:

1910.1200(b)(5)(iii)

Any food, food additive, color additive, drug, cosmetic, or medical or veterinary device or product, including materials intended for use as ingredients in such products (*e.g.* flavors and fragrances), as such terms are defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 *et seq.*) or the Virus-Serum-Toxin Act of 1913 (21 U.S.C. 151 *et seq.*), and regulations issued under those Acts, when they are subject to the labeling requirements under those Acts by either the Food and Drug Administration or the Department of Agriculture;

1910.1200(b)(5)(v)

Hazardous Substances Act (15 U.S.C. 1261 *et seq.*) respectively, when subject to a consumer product safety standard or labeling requirement of those Acts, or regulations issued under those Acts by the Consumer Product Safety Commission;

The information above can be found in the Occupational Safety and Health Standard for Hazard Communication (29 CFR 1910.1200). Please keep this information on file for your records. Our policy has been updated and aligned with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

1-800-329-1903  
(615) 329-1906 • Fax (615) 329-3816  
160 Athens Way • Nashville, Tennessee 37228

ITEM # 395



## Safety Data Sheet

### 1 - Identification

<b>Product Name:</b> Lava Bar  <b>Product Use:</b> Hand Cleaner  <b>Restrictions on Use:</b> None identified  <b>SDS Date Of Preparation:</b> 08/21/2014	<b>Manufacturer:</b> WD-40 Company <b>Address:</b> 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California, USA 92138 -0607  <b>Telephone:</b> <b>Emergency only:</b> 1-888-324-7596 (PROSAR) <b>Information:</b> 1-888-324-7596 <b>Chemical Spills:</b> 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)
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### 2 - Hazards Identification

**Hazcom 2012/GHS Classification:**  
 Eye Irritant Category 2A

Note: This product is a cosmetic product and is labeled in accordance with the US Food and Drug Administration regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

#### Label Elements:



#### WARNING!

Causes serious eye irritation.

#### Prevention

Rinse hands thoroughly after use.

#### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

### 3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	US Hazcom 2012/ GHS Classification
Pumice	1332-09-8	10-30%	Not Hazardous
Coconut Acid	Mixture	<3%	Eye Damage Category 1
Titanium Dioxide	13463-67-7	0.1-1%	Carcinogen Category 2*
Non-Hazardous Ingredients	Mixture	Balance	Not Hazardous

Note: The exact percentages are a trade secret.

\* Carcinogen classification applies to respirable forms only. Not applicable to this product.

### 4 - First Aid Measures

**Ingestion (Swallowed):** If large amount is swallowed and symptoms occur, call a physician, poison control center, or the WD-40 Safety Hotline at 1-888-324-7596. Rinse mouth with water and give one eight-ounce glass of water to drink if the patient is conscious and responsive.

**Eye Contact:** Do not rub eyes. Flush immediately with large amounts of water. Get medical attention if irritation persists.  
**Skin Contact:** This product is intended for skin contact. Discontinue use and consult a physician if irritation develops and persists.  
**Inhalation (Breathing):** No first aid should be required.  
**Signs and Symptoms of Exposure:** May cause eye irritation.  
**Indication of Immediate Medical Attention/Special Treatment Needed:** Immediate medical attention is not required.

**5 – Fire Fighting Measures**

**Suitable (and unsuitable) Extinguishing Media:** Use any media that is appropriate for the surrounding fire.  
**Specific Hazards Arising from the Chemical:** None known.  
**Special Protective Equipment and Precautions for Fire-Fighters:** None required.

**6 – Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** None required.  
**Methods and Materials for Containment/Cleanup:** Pick up for use or place in trash.

**7 – Handling and Storage**

**Precautions for Safe Handling:** Avoid contact with eyes.  
**Conditions for Safe Storage:** No special storage required.

**8 – Exposure Controls/Personal Protection**

Chemical	Occupational Exposure Limits
Pumice	5 mg/m <sup>3</sup> (respirable), 15 mg/m <sup>3</sup> (total dust) OSHA PEL-TWA
Coconut Acid	None Established
Titanium Dioxide	15 mg/m <sup>3</sup> (total dust) OSHA PEL-TWA 10 mg/m <sup>3</sup> ACGIH TLV-TWA
Non-Hazardous Ingredients	None Established

**The Following Controls are Recommended for Normal Consumer Use of this Product**

**Appropriate Engineering Controls:** None required  
**Personal Protection:**  
**Eye Protection:** None required, avoid eye contact.  
**Skin Protection:** None required, this product is intended for skin contact.  
**Respiratory Protection:** None required.

**For Bulk Processing or Workplace Use the Following Controls are Recommended**

**Appropriate Engineering Controls:** Good general ventilation should be adequate.  
**Personal Protection:**  
**Eye Protection:** Safety goggles recommended if dust or mists are generated.  
**Skin Protection:** None required for anticipated use, this product is intended for skin contact.  
**Respiratory Protection:** None required.  
**Work/Hygiene Practices:** Rinse thoroughly after washing or handling.

**9 – Physical and Chemical Properties**

Appearance:	Green solid	Flammable Limits:	Not applicable
Odor:	Pleasant Fragrance	Vapor Pressure:	Not applicable
Odor Threshold:	Not established	Vapor Density:	Not applicable
pH:	Not Applicable	Relative Density:	>1
Melting/Freezing Point	Not applicable	Solubilities:	Soluble in water
Boiling Point/Range:	Not applicable	Partition Coefficient; n-	Not established

Flash Point:	None	octanol/water: Autoignition Temperature:	Not established
Evaporation Rate:	Not applicable	Decomposition Temperature:	Not established
Flammability (solid, gas)	Not flammable	Viscosity:	Not applicable
VOC:	0%	Pour Point:	Not applicable

### 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions  
**Chemical Stability:** Stable  
**Possibility of Hazardous Reactions:** None known.  
**Conditions to Avoid:** None known.  
**Incompatible Materials:** None known.  
**Hazardous Decomposition Products:** Combustion will produce oxides of carbon and nitrogen.

### 11 – Toxicological Information

**Symptoms of Overexposure:**  
**Inhalation:** None known  
**Skin Contact:** Prolonged contact may cause irritation in sensitive individuals.  
**Eye Contact:** May cause irritation with redness, stinging and tearing. Pumice may cause abrasive injury to the eye.  
**Ingestion:** Not intended for ingestion, however, not expected to be toxic. May cause gastrointestinal irritation.  
**Chronic Effects:** None known.  
**Carcinogen Status:** This product contains small amount of titanium dioxide, which is listed by IARC as a suspected carcinogen (Group 2B). Titanium dioxide only presents a risk of cancer by inhalation of very fine dust. In this product, the titanium dioxide is incorporated into the soap and is not present as a respirable dust. There is no exposure to respirable titanium dioxide dust in the normal use of this product. None of the other components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.  
**Reproductive Toxicity:** None of the components is considered a reproductive hazard.  
**Numerical Measures of Toxicity:**  
The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

### 12 – Ecological Information

**Ecotoxicity:** No specific aquatic toxicity data is currently available, however components of this product are not expected to be harmful to aquatic organisms  
**Persistence and Degradability:** No data available.  
**Bioaccumulative Potential:** No data available.  
**Mobility in Soil:** No data available  
**Other Adverse Effects:** None known

### 13 - Disposal Considerations

Dispose in accordance with local, state and federal regulations.

### 14 – Transportation Information

Not regulated for Transportation by any mode

### 15 – Regulatory Information

**U.S. Federal Regulations:**

**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirement. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA TITLE III:**

**Hazard Category For Section 311/312:** Acute Health

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III

Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product does not contain chemicals regulated under California Proposition 65.

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

**16 – Other Information:**

**HMIS Hazard Rating:**

**Health – 1 (slight hazard), Fire Hazard – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard)**

Revision Date: August 21, 2014

Supersedes: January 8, 2009

Revision Summary: Convert to Hazcom 2012. Changes in all sections.

Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

APPROVED By: I. Kowalski

Regulatory Affairs Dept.

3042200/No.0098003  
1097000/No.0098003

ITEM # 400

# SAFETY DATA SHEET (SDS)

## SECTION 1: IDENTIFICATION OF PRODUCT

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

### DISTRIBUTOR

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.  
 1420-F SAMS AVENUE, HARAHAN, LA 70122 (504) 464-7165  
 (800) -- 535-5055 (RE-OTRAC)

EMERGENCY  
 PHONE NUMBER  
 (800) -- 535-5055 (RE-OTRAC)

## SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category: 2B  
 Signal Word: Warning  
 Symptom: none

### Hazard Statement:

Eyes: Causes eye irritation

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

## SECTION 3: COMPOSITION

Chemical Name	%	CAS#
SODIUM LAURYL ETHER SULFATE	1-5	9002-92-4
COCODIMETHYL BETAINE	2-5	68424-94-7
SODIUM CHLORIDE	2-5	6042-52-4
1,2-Cetanolcetan	1-5	3300-34-5

Synthetic 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.

**SKIN CONTACT:** Move 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. Lift eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing.

**UNUSUAL HAZARDS:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children

## SECTION 7: HANDLING AND STORAGE

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
SODIUM LAURYL ETHER SULFATE	Not Available				
COCODIMETHYL BETAINE	Not Available				
SODIUM CHLORIDE	Not Available				
1,2-Cetanolcetan	Not Available				

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Pink Liquid
<b>ODOR:</b>	Almond
<b>PH:</b>	7
<b>RELATIVE DENSITY:</b>	Unknown
<b>SOLUBILITY:</b>	Completely
<b>BOILING POINT:</b>	212°F
<b>FLASH POINT:</b>	N/A
<b>VAPOR PRESSURE:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOR DENSITY:</b>	N/A
<b>POROUS PER CALORIE:</b>	0.57

## SECTION 10: STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID POLYMERIZATION:</b>	Will not occur
<b>CONDITIONS TO AVOID DECOMPOSITION OR BY-PRODUCTS:</b>	Extreme temperatures, strong acids and oxidizers
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	CO <sub>2</sub> , SO <sub>2</sub>
<b>HEALTH HAZARDS:</b>	ACUTE/CHRONIC
<b>ACUTE TOXICITY INFORMATION:</b>	Eyes may cause redness and irritation to eyes. Severity of injury depends largely on concentration and duration of exposure. Nausea, vomiting, and diarrhea may occur upon ingestion. Prolonged skin contact may cause mild to no irritation, detaching and dermatitis.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>RESPIRATORY PROTECTION:</b>	NO OTHER PROTECTIVE MEASURES
<b>VENTILATION:</b>	NO Wash hands thoroughly after use.
<b>PROTECTIVE CLOTHING:</b>	NO
<b>EYE PROTECTION:</b>	NO

## SECTION 12: SUPPLIER NOTIFICATION:

THE PRODUCTS MARKED WITH A \* ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 303 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372

ALL COMPONENTS APPEAR ON THE TSCA INVENTORY COMPONENTS NOT LISTED ARE EITHER NON HAZARDOUS OR IN CONCENTRATIONS OF LESS THAN 0.5%

## SECTION 14: TRANSPORT INFORMATION:

NOT REGULATED  
 NON HAZARDOUS

Date: June 1, 2015

Manufacturer:  
 TRANS GULF INDUSTRIES, INC., PO Box 23809  
 6101 Humphreys St, Harahan, LA 70123 (504) - 733-7855  
 www.transgulfproducts.com

HEALTH  
 FLAMMABILITY  
 INSTABILITY/REACTIVITY  
 SPECIAL

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Item # 405

# SAFETY DATA SHEET (SDS)

**SECTION 1: IDENTIFICATION OF PRODUCT**

TRADE NAME: Soft Pink Anti-Bac W/S  
 CHEMICAL FAMILY: Cleaning Compound  
 PRODUCT NUMBER: 5043

**SECTION 2: HAZARD(S) IDENTIFICATION**

Hazard Category 2B  
 Signal Word: Warning  
 Symbol: none

**SECTION 3: COMPOSITION**

Chemical Name	%	CAS#
SODIUM LAURYL ETHER SULFATE	1-5	900-82-4
DODECYLPROPYL BETAINE	2-5	68424-54-2
SODIUM CHLORIDE	2-5	80045-52-4
Triclosan	1-5	3380-35-5

**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. If several glasses of milk. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** If flush eyes immediately with large quantities of water for 15 minutes. Lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing.

**UNUSUAL HAZARDS:** None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**LARGE SPILLS:** Contain spill and pump to recover. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**

Always handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Store in cool, dry place. Keep container closed when not in use. Keep out of reach of children.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	STEL
SODIUM LAURYL ETHER SULFATE	Not Available	Not Available	Not Available	Not Available
DODECYLPROPYL BETAINE	Not Available	Not Available	Not Available	Not Available
SODIUM CHLORIDE	Not Available	Not Available	Not Available	Not Available
Triclosan	Not Available	Not Available	Not Available	Not Available

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Extreme Temperatures

**INCOMPATIBLE MATERIALS:** strong acids and oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** CO<sub>2</sub>

**SECTION 11: TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY INFORMATION**

Chemical Name	Route	LD50
SODIUM LAURYL ETHER SULFATE	Inhalation	>2000mg/kg
DODECYLPROPYL BETAINE	Ingestion	>1065 mg/kg
SODIUM CHLORIDE	Ingestion	>3000mg/kg
Trichlorosan	Inhalation	Not Available

**SECTION 12: ECOLOGICAL TOXICITY**

**BIODEGRADABILITY:** Not Available

**ECOTOXICITY:** Not Available

**SECTION 13: DISPOSAL INFORMATION**

**WASTE DISPOSAL:** Not Available

**SECTION 14: TRANSPORT INFORMATION**

**DATE:** June 1, 2015

**HAZARD CLASSIFICATION:** NOT REGULATED  
NON HAZARDOUS

**EMERGENCY:** HEALTH

**MANUFACTURER:** TRANS GULF INDUSTRIES INC. PO Box 230089  
6101 Humphreys St. Harahan, LA 70133 (504) 733-7805  
www.gentryproducts.com

**SECTION 313 - SUPPLIER NOTIFICATION:**

THE PRODUCTS MARKED WITH A \* ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 48 CFR 372.

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

**RESPIRATORY PROTECTION:** NO OTHER PROTECTIVE MEASURES

**VENTILATION:** NO. Wash hands thoroughly after use

**PROTECTIVE GLOVES:** NO

**EYE PROTECTION:** NO

**SECTION 15: REGULATORY INFORMATION**

**OSHA REGULATED:** No

**HTP:** No

**HWAC MONOGRAPHUS:** No

**USHA REGULATED:** No

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

**SECTION 16: ADDITIONAL INFORMATION**

**EMERGENCY:** HEALTH

**HAZARD CLASSIFICATION:** NOT REGULATED  
NON HAZARDOUS

**DATE:** June 1, 2015

**MANUFACTURER:** TRANS GULF INDUSTRIES INC. PO Box 230089  
6101 Humphreys St. Harahan, LA 70133 (504) 733-7805  
www.gentryproducts.com

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Item # 410



# SAFETY DATA SHEET

Easy Task

## Section 1. Identification

GHS product identifier : Easy Task  
Other means of identification : Not available.  
Product type : Liquid.

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

Not applicable.

Supplier's details : Betco Corporation  
1001 Brown Avenue  
Toledo, OH 43607  
www.betco.com  
888-462-3826

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

## Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.

### GHS label elements

Signal word : No signal word.  
Hazard statements : No known significant effects or critical hazards.

### Precautionary statements

Prevention : Not applicable.  
Response : Not applicable.  
Storage : Not applicable.  
Disposal : Not applicable.

Hazards not otherwise classified : None known.

## Section 3. Composition/information on ingredients

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

### CAS number/other identifiers

CAS number : Not applicable.  
Product code : 608

Ingredient name	%	CAS number
ethanediol	≥1 - <3	107-21-1

### Section 3. Composition/information on ingredients

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

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

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

#### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

## Section 5. Fire-fighting measures

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

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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

### Methods and materials for containment and cleaning up

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

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

## Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
ethanediol	<b>OSHA PEL 1989 (United States, 3/1989).</b> CEIL: 50 ppm CEIL: 125 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 4/2014).</b> C: 100 mg/m <sup>3</sup> Form: Aerosol

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

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Green.
- Odor** : Fruity.
- Odor threshold** : Not available.
- pH** : 8 to 9.5
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive** : Not available.

## Section 9. Physical and chemical properties

Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.9925
Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
ethanediol	LD50 Oral	Rat	4700 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
ethanediol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	1 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	6 hours 1440 milligrams	-
	Skin - Mild irritant	Rabbit	-	555 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

## Section 11. Toxicological information

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral.  
Routes of entry not anticipated: Dermal, Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

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

#### Short term exposure

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

#### Long term exposure

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

### Potential chronic health effects

Not available.

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

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	239795.9 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
ethanediol	Acute LC50 6900000 µg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 41000000 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 8050000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 11610000 µg/l Fresh water	Daphnia - Ceriodaphnia dubia	48 hours
	Chronic NOEC 6090000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
ethanediol	-1.36	-	low

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

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

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental	No.	No.	No.	No.	No.	No.

## Section 14. Transport information

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

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

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
Not determined.  
**Clean Water Act (CWA) 307:** trisodium tris[5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato(2-)-N5,O6]ferrate(3-)  
**Clean Water Act (CWA) 311:** Formaldehyde, solution; sodium hydroxide; trisodium tris [5,6-dihydro-5-(hydroxyimino)-6-oxonaphthalene-2-sulphonato(2-)-N5,O6]ferrate(3-)

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

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

### SARA 302/304

#### Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Formaldehyde, solution	<0.1	Yes.	500	73.9	100	14.8

**SARA 304 RQ** : 5333333.3 lbs / 2421333.3 kg [644482.2 gal / 2439630.6 L]

### SARA 311/312

**Classification** : Not applicable.

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
ethanediol	≥1 - <3	No.	No.	No.	Yes.	No.

### SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	ethanediol	107-21-1	≥1 - <3

## Section 15. Regulatory information

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

### State regulations

- Massachusetts : The following components are listed: ETHYLENE GLYCOL  
 New York : The following components are listed: Ethylene glycol  
 New Jersey : The following components are listed: ETHYLENE GLYCOL; 1,2-ETHANEDIOL  
 Pennsylvania : The following components are listed: 1,2-ETHANEDIOL

### California Prop. 65

**WARNING:** This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Formaldehyde, solution	Yes.	No.	Yes.	No.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### International lists

#### National inventory

- Australia : Not determined.  
 Canada : Not determined.  
 China : Not determined.  
 Europe : Not determined.  
 Japan : Not determined.  
 Malaysia : Not determined.  
 New Zealand : Not determined.  
 Philippines : Not determined.  
 Republic of Korea : Not determined.  
 Taiwan : Not determined.

## Section 16. Other information

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

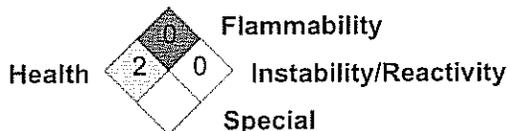
Health	*	2
Flammability		0
Physical hazard		0

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

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

### Procedure used to derive the classification

Classification	Justification
Not classified.	

### History

Date of printing	: 4/2/2015.
Date of issue/Date of revision	: 4/2/2015.
Date of previous issue	: No previous validation.
Version	: 1
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	: Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

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

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

# SAFETY DATA SHEET (SDS)

ITEM # 425

**SECTION 1: IDENTIFICATION OF PRODUCT**  
**TRADE NAME:** CUTS IT  
**CHEMICAL FAMILY:** Wax Stripper  
**PRODUCT NUMBER:** 5212

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

**SECTION 2: HAZARD(S) IDENTIFICATION**  
**Hazard Category:** GHS LABEL ELEMENTS  
 Skin Irritation/Corrosion I  
 Serious eye damage/Eye Irritation I  
 Symbols



**Hazard Statements:**  
 Causes severe skin burns and serious eye damage  
 May be corrosive to metals. Harmful if swallowed or inhaled.

**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#
Benzyl Alcohol	1-5	1300-72-7
Caprylic-Capric Acid	1-5	634-18-9
Immonethanolamine	1-5	6834-92-0
Caucstic Soda Beads		

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. Do not induce vomiting. Get medical attention immediately.

**EYE CONTACT:** Flush eyes immediately with large quantities of water for 15 minutes. Lifting eyelids occasionally. Get medical attention.

**SKIN CONTACT:** Immediately flush with cold water for 15 minutes. Remove contaminated clothing. Wash skin thoroughly. Cover irritated skin with an emollient. Get medical attention immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** None

**EXTINGUISHING MEDIA:** As required by the surrounding fire

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained full-face breathing apparatus and full protective clothing. May cause violent exothermic reaction with water.

**UNUSUAL HAZARDS:**

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**LARGE SPILLS:** Stop leaks and contain spill. Remove and neutralize spill area with inorganic acid and flood with water. All cleanup material should be stored in approved containers for proper disposal.

**SMALL SPILLS:** Spill can be mopped up then flush contaminated area with plenty of water.

**OTHER PRECAUTIONS:** Keep out of reach of children.

**SECTION 7: HANDLING AND STORAGE**

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

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Chemical Name	OSHA PEL	ACGIH	TLV	TWA	STEL
Benzyl Alcohol	Not Available				
Caprylic-Capric Acid	Not Available				
Immonethanolamine	Not Available				
Caucstic Soda Beads	Not Available				

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear/yellow liquid
<b>ODOR:</b>	Mild
<b>pH:</b>	12.5-13.5
<b>RELATIVE DENSITY:</b>	Unknown
<b>SOLUBILITY:</b>	Completely
<b>BOILING POINT:</b>	212° F
<b>FLASH POINT:</b>	N/A
<b>VAPOR PRESSURE:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOR DENSITY:</b>	N/A
<b>POUNDS PER GALLON:</b>	8.56

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID INCOMPATIBLE MATERIALS:** Aluminum, tin, zinc, and their alloys

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Unknown

**SECTION 11: TOXICOLOGICAL INFORMATION**

**HEALTH HAZARDS - ACUTE/CHRONIC:**

**IRPP:** No

**HARP MONOGRAPHS:** No

**OSHA REGULATED:** No

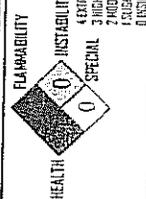
**Acute Toxicity Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Benzyl Alcohol	Not Available	Not Available	Not Available
Caprylic-Capric Acid	Not Available	Not Available	Not Available
Immonethanolamine	Not Available	Not Available	Not Available
Caucstic Soda Beads	Not Available	Not Available	Not Available

**SECTION 14: TRANSPORT INFORMATION:**

**Date:** June 1, 2015

**Manufacturer:** TRANS GULF INDUSTRIES, INC. PO Box 23809  
 5011 Humphreys St. Harahan, LA 70183  
 504-733-7865 www.gentrproducts.com



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

Item # 490



# SAFETY DATA SHEET

Finish 101

## Section 1. Identification

GHS product identifier : Finish 101  
 Other means of identification : Not available.  
 Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against  
 Not applicable.

Supplier's details : Betco Corporation  
 1001 Brown Avenue  
 Toledo, OH 43607  
 www.betco.com  
 888-462-3826

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

## Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified.  
 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1%

### GHS label elements

Signal word : No signal word.  
 Hazard statements : No known significant effects or critical hazards.

### Precautionary statements

Prevention : Not applicable.  
 Response : Not applicable.  
 Storage : Not applicable.  
 Disposal : Not applicable.

Hazards not otherwise classified : None known.

## Section 3. Composition/information on ingredients

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

### CAS number/other identifiers

CAS number : Not applicable.  
 Product code : 696

Ingredient name	%	CAS number

### Section 3. Composition/information on ingredients

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

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

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

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

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

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

#### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

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

## Section 5. Fire-fighting measures

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

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

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

### Methods and materials for containment and cleaning up

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

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

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

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Opaque. White.
- Odor** : Characteristic. Ammoniacal.
- Odor threshold** : Not available.
- pH** : 8.2 to 8.8
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.

## Section 9. Physical and chemical properties

Relative density	: 1.0347
Solubility	: Partially soluble in the following materials: cold water. Insoluble in the following materials: hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Not available.

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
tris(2-butoxyethyl) phosphate	LD50 Oral	Rat	3 g/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
tris(2-butoxyethyl) phosphate	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

## Section 11. Toxicological information

Not available.

### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Routes of entry anticipated: Dermal.  
Routes of entry not anticipated: Oral, Inhalation.

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

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

#### Short term exposure

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

#### Long term exposure

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

### Potential chronic health effects

Not available.

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

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	88235.3 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
tris(2-butoxyethyl) phosphate	Acute LC50 11200 µg/l Fresh water	Fish - Pimephales promelas	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
tris(2-butoxyethyl) phosphate	3.75	5.8	low

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

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

## Section 13. Disposal considerations

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

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-	-

**Special precautions for user** : Transport within user's premises: always transport in closed containers that are

## Section 14. Transport information

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

## Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) PAIR: tris(2-butoxyethyl) phosphate; (2-methoxymethylethoxy)propanol  
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 TSCA 8(c) calls for record of SAR: tris(2-butoxyethyl) phosphate  
 Not determined.  
 Clean Water Act (CWA) 307: tetraamminezinc(2+) carbonate  
 Clean Water Act (CWA) 311: ammonia; potassium hydroxide

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

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

### SARA 302/304

#### Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

### SARA 311/312

Classification : Not applicable.

#### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
tris(2-butoxyethyl) phosphate	≥3 - <5	No.	No.	No.	Yes.	No.

### SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	2-(2-ethoxyethoxy)ethanol	111-90-0	≥3 - <5
	tetraamminezinc(2+) carbonate	38714-47-5	≥1 - <3
Supplier notification	2-(2-ethoxyethoxy)ethanol	111-90-0	≥3 - <5
	tetraamminezinc(2+) carbonate	38714-47-5	≥1 - <3

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

### State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : The following components are listed: ZINC compounds; GLYCOL ETHERS

## Section 15. Regulatory information

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### International lists

#### National inventory

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.

## Section 16. Other information

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

Health	0
Flammability	0
Reactivity	0
Special	

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

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



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

## Section 16. Other information

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

### Procedure used to derive the classification

Classification	Justification
Not classified.	

### History

Date of printing	: 4/2/2015.
Date of issue/Date of revision	: 4/2/2015.
Date of previous issue	: No previous validation.
Version	: 1
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	: Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

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

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

SAFETY DATA SHEET  
**GOJO® FAST Towels**



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**SECTION 1. IDENTIFICATION**

Product name : GOJO® FAST Towels

**Manufacturer or supplier's details**

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500  
Akron OH 44311

Telephone : 1 (330) 255-6000

Emergency telephone : 1-800-424-9300 CHEMTREC

**Recommended use of the chemical and restrictions on use**

Recommended use : Skin-care

Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

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**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Eye irritation : Category 2A

**GHS Label element**

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.

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**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous ingredients**

Chemical Name	CAS-No.	Concentration (%)
Ethoxylated lauryl alcohol	9002-92-0	>= 1 - < 5
Fragrance - Orange Wipes	Not Assigned	>= 0.1 - < 1

**SECTION 4. FIRST AID MEASURES**

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.
- In case of skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.
- Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.
- Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.
- Notes to physician : Treat symptomatically and supportively.

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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : Exposure to combustion products may be a hazard to health.
- Hazardous combustion products : Carbon oxides  
None known.
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.
- 

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Follow safe handling advice and personal protective equipment recommendations.
- Environmental precautions : Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material.  
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
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### SECTION 7. HANDLING AND STORAGE

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Avoid inhalation of vapor or mist.  
Do not swallow.  
Do not get in eyes.  
Avoid prolonged or repeated contact with skin.  
Handle in accordance with good industrial hygiene and safety practice.  
Take care to prevent spills, waste and minimize release to the environment.
- Conditions for safe storage : Keep in properly labeled containers.  
Store in accordance with the particular national regulations.
- Materials to avoid : Do not store with the following product types:  
Strong oxidizing agents
- 

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

#### Hazardous components without workplace control parameters

Ingredients	CAS-No.
Ethoxylated lauryl alcohol	9002-92-0
Fragrance - Orange Wipes	Not Assigned

- Engineering measures** : Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.

#### Hand protection

- Material : Impervious gloves

- Remarks : Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.
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Eye protection	: Wear the following personal protective equipment: Safety goggles
Skin and body protection	: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).
Hygiene measures	: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

---

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: clear, Colorless to pale yellow
Odor	: citrus
Odor Threshold	: No data available
pH	: 6.0 - 8.5
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: > 100 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Density	: 1.00 g/cm <sup>3</sup>
Solubility(ies) Water solubility	: soluble
Partition coefficient: n-octanol/water	: Not applicable

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Autoignition temperature : No data available

Decomposition temperature : The substance or mixture is not classified self-reactive.

Viscosity  
Viscosity, dynamic : No data available

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

---

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Can react with strong oxidizing agents.

Conditions to avoid : None known.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Skin contact  
Ingestion  
Eye contact

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

#### Ingredients:

##### **Ethoxylated lauryl alcohol:**

Acute oral toxicity : LD50 (Rat): > 500 - 2,000 mg/kg  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 1.6 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Remarks: Based on data from similar materials

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Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Remarks: Based on data from similar materials

### **Skin corrosion/irritation**

Not classified based on available information.

#### **Product:**

Result: No skin irritation

#### **Ingredients:**

##### **Ethoxylated lauryl alcohol:**

Species: Rabbit

Result: No skin irritation

Remarks: Based on data from similar materials

##### **Fragrance - Orange Wipes:**

Result: Mild skin irritation

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Product:**

Result: Irritation to eyes, reversing within 21 days

#### **Ingredients:**

##### **Ethoxylated lauryl alcohol:**

Species: Rabbit

Result: Irreversible effects on the eye

Remarks: Based on data from similar materials

##### **Fragrance - Orange Wipes:**

Result: Irritation to eyes, reversing within 7 days

### **Respiratory or skin sensitization**

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

#### **Product:**

Assessment: Does not cause skin sensitization.

#### **Ingredients:**

##### **Ethoxylated lauryl alcohol:**

Test Type: Maximization Test (GPMT)

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Remarks: Based on data from similar materials

##### **Fragrance - Orange Wipes:**

Assessment: Probability or evidence of skin sensitization in humans

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**Germ cell mutagenicity**

Not classified based on available information.

**Ingredients:**

**Ethoxylated lauryl alcohol:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials

**Carcinogenicity**

Not classified based on available information.

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**Ingredients:**

**Fragrance - Orange Wipes:**

Assessment: May cause respiratory irritation.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Ingredients:**

**Ethoxylated lauryl alcohol:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)); > 1 - 10 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)); > 1 - 10 mg/l

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aquatic invertebrates                      Exposure time: 48 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other            : NOEC (Daphnia magna (Water flea)); > 0.1 - 1 mg/l  
aquatic invertebrates                      Exposure time: 21 d  
(Chronic toxicity)                            Remarks: Based on data from similar materials

### Persistence and degradability

#### Ingredients:

**Ethoxylated lauryl alcohol:**  
Biodegradability                            : Result: rapidly degradable  
Remarks: Based on data from similar materials

### Bioaccumulative potential

#### Ingredients:

**Ethoxylated lauryl alcohol:**  
Bioaccumulation                            : Species: Fish  
Bioconcentration factor (BCF): < 500  
Remarks: Based on data from similar materials

### Mobility in soil

No data available

### Other adverse effects

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues                      : Dispose of in accordance with local regulations.

Contaminated packaging                : Dispose of as unused product.  
Empty containers should be taken to an approved waste  
handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulation

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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**Domestic regulation**

**49 CFR**  
Not regulated as a dangerous good

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**SECTION 15. REGULATORY INFORMATION**

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards** : Acute Health Hazard
- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**Pennsylvania Right To Know**

Water	7732-18-5	90 - 100 %
Ethoxylated lauryl alcohol	9002-92-0	1 - 5 %

**New Jersey Right To Know**

Water	7732-18-5	90 - 100 %
Ethoxylated lauryl alcohol	9002-92-0	1 - 5 %
Polyethylene glycol sorbitan monolaurate	9005-64-5	1 - 5 %

**California Prop 65**      This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:**

AICS : All ingredients listed or exempt.

**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA (USA)

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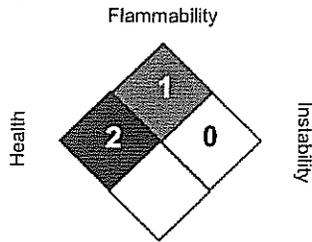


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SECTION 16. OTHER INFORMATION

Further information

NFPA:



Special hazard.

HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Revision Date : 02/10/2015

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

US / Z8