

Safety Data Sheets

Juvenile Court Services



RSC, Douglas

11/26/2019



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Binder: RSC, Douglas - Juvenile Court Services

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SAFETY DATA SHEET



This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200, as updated in 2012) and equivalent state Standards. It has also been developed in accordance with the United Nations Globally Harmonized System of Classification of Chemicals (GHS) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Refer to Section 16 of this document for the definition of terms and abbreviations.

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

- ITEM NUMBER(S): 950321
- PRODUCT NAME: **1 QT: 21 Glass Cleaner Concentrate**

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE

- RECOMMENDED USE: Cleaner and degreaser.
- IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- MANUFACTURER/
SUPPLIER: **WAXIE Sanitary Supply**
- ADDRESS: 9353 Waxie Way; San Diego, CA 92123-1036
- BUSINESS PHONE: 1-800-995-4466
- EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION

- This product is intended to be used only after dilution. The relevant hazards and safety data are specified for both the **Product as SOLD** and **Product at USE DILUTION**, where appropriate.
- This product is sold and used in relatively small volumes. This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and workplaces where large numbers of these items are stored or distributed.

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

OSHA/HCS Status

Classification of the Substance or Mixture

Product as SOLD

Acute Toxicity (Oral, Category 4); Serious eye damage/Irritation (Category 2A); Skin Irritation (Category 2); Specific target organ toxicity (Category 3, Central nervous system); Aquatic Toxicity (Acute), Category 3

Product at USE DILUTION

Eye Damage/Irritation (Category 2B)

2.2 LABEL ELEMENTS:

ELEMENT

Hazard Pictograms

Product as SOLD



WARNING.

Harmful if swallowed. Causes serious eye and skin irritation. May cause drowsiness or dizziness. Harmful to aquatic life.

Product at USE DILUTION

Not applicable.

WARNING.

Causes eye irritation.

SECTION 2: HAZARDS IDENTIFICATION (Continued)

2.2 LABEL ELEMENTS (Continued):

ELEMENT	Product as SOLD	Product at USE DILUTION
Precautionary Statements		
Prevention	Keep out of reach of children. Wash hands thoroughly after use. . Avoid breathing mists, vapors, sprays. Use only outdoors or in well-ventilated area. Wear eye protection, face protection, protective clothing, and protective gloves. Avoid release into the environment.	Keep out of reach of children. Wash hands thoroughly after handling.
Response	IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, see a physician. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse.	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, see a physician.
Storage	Store in well-ventilated place. Keep cool. Store locked-up. Keep container tightly closed.	Not established; follow guidelines in section 7.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	Not established; follow guidelines in section 13.

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

- Ingestion of product may cause nausea, vomiting, diarrhea and effects on the central nervous system.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

CHEMICAL	CAS NUMBER	GHS HAZARD CLASSIFICATION FOR CHEMICAL	% (w/w)
Ammonium Hydroxide	1336-21-6	Acute toxicity, Oral (Category 4), Skin corrosion (Category 1), Serious eye damage (Category 1), H318 Acute aquatic toxicity (Category 1),	Proprietary ¹
Ethanol, 2-Butoxy	111-76-2	Flammable liquids (Category 4); Acute toxicity, Oral (Category 4); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin irritation (Category 2); Eye irritation (Category 2A)	Proprietary
Isopropyl alcohol	67-63-0	Flammable liquids (Category 2); Serious eye damage/Irritation (Category 2A); Specific target organ toxicity - single exposure (Category 3, Central nervous system)	Proprietary
Water and other components less than 1% in concentration within this solution. The remaining components of this product are not classified as hazardous in their existing concentrations			Balance

¹ The exact percentage of composition has been withheld as a trade secret. All relevant physical and health hazards have been declared, in accordance with regulatory requirements.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact

Product as SOLD

Flush with copious amounts of water for 15 minutes. "Roll" eyes during flush. Seek medical attention if irritation persists.

Product at USE DILUTION

Flush with copious amounts of water. "Roll" eyes during flush. Seek medical attention if irritation persists.

Skin Contact

Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.

Flush area with warm, running water for several minutes.

Inhalation

Obtain fresh air.

Obtain fresh air.

Ingestion

If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

• ACUTE HEALTH EFFECTS:

AREA EXPOSED

Eye Contact

Product as SOLD

Causes serious eye irritation.

Product at USE DILUTION

May cause eye irritation, depending on the duration of contact, redness and pain may occur.

Skin Contact

Causes skin irritation.

Mild skin irritation may occur, depending on duration of contact.

Inhalation

May cause respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.

May cause mild respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.

Ingestion

Causes gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting if large volumes are ingested.

May cause gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting.

• CHRONIC HEALTH EFFECTS:

Product as SOLD

None reported.

Product at USE DILUTION

None reported.

• TARGET ORGANS:

Product as SOLD

Skin, eyes, central nervous system.

Product at USE DILUTION

Eyes.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The following information is for both **Product AS SOLD** and **Product at USE DILUTION**.

- **GENERAL INFORMATION: For all exposures:** In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- **RECOMMENDATIONS TO PHYSICIANS:** Treat symptomatically.
- **MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** None reported.

SECTION 5: FIREFIGHTING MEASURES

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

5.1 EXTINGUISHING MEDIA

- **RECOMMENDED FIRE EXTINGUISHING MEDIA:** Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, Halon, or any other.
- **UNSUITABLE FIRE EXTINGUISHING MEDIA:** None known.

SECTION 5: FIREFIGHTING MEASURES (Continued)

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- NFPA FLAMMABILITY CLASSIFICATION:**

Classification

NFPA Rating

Product as SOLD



NFPA Classification

Not flammable.

Product at USE DILUTION



Not flammable.

- UNUSUAL HAZARDS IN FIRE SITUATIONS:**

Decomposition

Explosion Sensitivity to
Mechanical Impact

Explosion Sensitivity to
Static Discharge

Product as SOLD

Generates carbon dioxide, carbon monoxide, and irritating vapors.

Not applicable.

Not applicable.

Product at USE DILUTION

Generates carbon dioxide, carbon monoxide, and irritating vapors.

Not applicable.

Not applicable.

5.3 ADVICE FOR FIREFIGHTERS

- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning agent, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- RESPONSE TO INCIDENTAL RELEASES:** Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses must be worn when cleaning-up spills. Use caution during clean-up; contaminated floors and items may be slippery.
- RESPONSE TO NON-INCIDENTAL RELEASES:** Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incident chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel. In the event that over 3 gallons of this material has spilled, safety goggles with face-shield and air-purifying respirator with High Efficiency Particulate Filter/Organic Vapor cartridge should be worn.
- RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a cleaning, all items that come in contact with the solution can be returned to service after rinsing.

6.2 ENVIRONMENTAL PRECAUTIONS

- Avoid response actions that can cause a release of a significant amount of product (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- SPILL RESPONSE EQUIPMENT:** Polypad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS

- SECTION 8:** For exposure levels and detailed personal protective equipment recommendations.
- SECTION 13:** For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

ITEM	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Hygiene Practices	Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of vapors, mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.	Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.
Handling Practices	Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use. Keep away from sources of ignition. Take precautionary measures against static discharges. Keep away from heat, sparks, open flames.	Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Storage Practices	Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual liquid; therefore, empty containers should be handled with care.	Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals.
Incompatibilities	See Section 10 (Stability and Reactivity).	See Section 10 (Stability and Reactivity).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

• AIRBORNE EXPOSURE LIMITS:

COMPONENT	ACGIH TLV	OSHA PEL	NIOSH REL	OTHER
Ethanol, 2-Butoxy	TWA = 20 ppm (Skin)	TWA = 50 ppm (Skin)	TWA = 5 ppm (Skin)	NE
Isopropyl alcohol.	TWA= 200 ppm; STEL = 400 ppm	TWA = 400 ppm	TWA= 400 ppm; STEL = 500 ppm	NE

- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:** The following BEIs have been established for components of this product.
 - ISOPROPYL ALCOHOL: Acetone in Urine; End of Shift; 40 mg/L

8.2 EXPOSURE CONTROLS

	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Engineering Controls	Use in well-ventilated environment.	Use in well-ventilated environment.
Respiratory Protection	None normally needed.	None normally needed.
Hand Protection	Neoprene or nitrile gloves.	Neoprene or nitrile gloves
Eye Protection	Safety glasses.	Safety glasses.
Body Protection	Standard protection used in janitorial service. If splashes or sprays can occur, a rubber apron should be used.	Standard protection used in janitorial service..

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.3 PERSONAL PROTECTION SYMBOLS

	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Hand Protection		
Eye/Face Protection		
Body Protection		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Appearance	Blue liquid.	Clear, light blue liquid.
Odor	Ammonia scented.	Ammonia scent.
Odor Threshold	Not determined.	Not determined.
pH	10-11	Approximately 7
Melting Point/Freezing Point	NE.	Approx. 0°C (32 °F).
Initial Boiling Point/Boiling Range	>100°C (210 °F).	Approximately 100°C (212°F).
Flash Point	Not flammable.	Not applicable.
Evaporation Rate (Water = 1)	Not determined.	Approx. 1.0.
Flammability	Not applicable.	Not applicable.
Upper/Lower Explosive Limits	Not determined.	Not applicable.
Vapor Pressure	Not determined.	Not determined.
Vapor Density	Not determined.	Not determined.
Relative Density (Density)	0.985 (8.25 lb/gal)	Approx. 1.0.
Solubility	Completely soluble in water.	Completely soluble in water.
Partition Coefficient/n-octanol/water	Not determined.	Not determined.
Autoignition Temperature	Not applicable.	Not applicable.
Decomposition Temperature	Not determined.	Not determined.
Viscosity	Not determined.	Not determined.

9.2 OTHER INFORMATION

- VOC (less water & exempt): 59 G/L.
- WEIGHT% VOC: 5.9%.

SECTION 10: STABILITY AND REACTIVITY

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

SECTION 10: STABILITY AND REACTIVITY (Continued)

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizing agents, ammonia, bleach, strong acids and strong alkali materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition of this product include carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- **ACUTE TOXICITY:**

- **TOXICOLOGY DATA:** The following data are available for components of this product.

ISOPROPYL ALCOHOL

LD₅₀ (Oral, Rat) = 5,045 mg/kg
LC₅₀ (Inhalation – Rat) = 8 hours/ 16000 ppm
LDLo (Human, Unreported) = 2 mL/kg
LDLo (Human, Oral) = 3570 mg/Kg

ETHANOL, 2-BUTOXY

LD₅₀ (Oral, Rat) = 470 mg/kg
LC₅₀ (Inhalation, Rat) = 4 hours/- 450 ppm
LD₅₀ (Dermal, Rabbit) = 220 mg/kg
LD₅₀ (Intraperitoneal, Rat) = 220 mg/kg
LD₅₀ (Intravenous, Rat) = 307 mg/kg

- **DEGREE OF IRRITATION:** Serious irritant; mild skin irritant. See Section 4 for additional details.
- **SENSITIZATION:** Citrus extracts are reported to be skin sensitizers. However, this component is present in concentrations lower than those reported to cause allergic skin reactions. However, sensitive individuals should minimize prolonged skin contact.
- **REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE:** See Section 2 (Hazards Information) and Section 4 (First Aid Measures) for additional details.

	<u>Product as SOLD</u>	<u>Product at USE DILUTION</u>
Eyes	Causes serious eye irritation.	May cause eye irritation.
Skin	Causes skin irritation.	May cause mild skin irritation, depending on duration of contact.
Inhalation	Causes respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.	May cause mild respiratory tract irritation.
Ingestion	Causes gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting if large volumes are ingested.	May cause gastrointestinal system irritation.

SECTION 11: TOXICOLOGICAL INFORMATION

- **CHRONIC TOXICITY:**

- **REPRODUCTIVE TOXICITY INFORMATION:** The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.
- **MUTAGENIC EFFECTS:** The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.
- **SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** Central nervous system.
- **SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** Not applicable.
- **ASPIRATION HAZARD:** Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

- **CHRONIC TOXICITY:**

- **CARCINOGENICITY STATUS:** The following information is available for components of this product.

CHEMICAL	IARC	NTP	NIOSH	OSH A	OTHER
Isopropyl Alcohol	IARC-3: Unclassifiable as to Carcinogenicity in Humans	NO	NO	NO	TLV-4: Not Classifiable as a Human Carcinogen;
Ethanol, 2-Butoxy	NO	NO	NO	NO	IARC-3: Unclassifiable as to Carcinogenicity in Humans; TLV-4: Not Classifiable as a Human Carcinogen; EPA – NL: Not Likely to Be Carcinogenic to Humans; MAK-4: No Significant Contribution to Human Cancer Risk

- **OTHER INFORMATION:**

- **TOXICOLOGICALLY SYNERGISTIC PRODUCTS:** None known.
- **ADDITIONAL TOXICOLOGY:** Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

12.1 TOXICITY

- Based on available data, this product may be harmful or fatal to contaminated terrestrial or aquatic plants or animals, depending on the volume released into the environment.

ISOPROPYL ALCOHOL

LC50 (Pimephales promelas): 9,640.00 mg/L - 96 hours
EC50 (Daphnia magna): 5,102.00 mg/L - 24 hours
IEC50 (Daphnia magna): 6,851 mg/L - 24 hours
EC50 (Desmodesmus subspicatus) > 2,000.00 mg/L -
72 hours

ETHANOL, 2-BUTOXY

LC50 - other fish: 220 mg/L - 96 hours
EC50 (Daphnia magna): 1,815 mg/L - 24 hours

12.2 PERSISTENCE AND DEGRADABILITY

- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation. The following data are available for components of this product:
 - **OXIRANE POLYMER:** Aerobic - Exposure time 28 days; Result: 60 % - Readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

- This product is not anticipated to bioaccumulate significantly.

12.4 MOBILITY IN SOIL

- It is to be expected this product will have some mobility in soil.

12.5 OTHER ADVERSE EFFECTS

- None reported.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

Product as SOLD

Dispose of in accordance with local, State and Federal regulations.

Product at USE DILUTION

Dispose of unused product in accordance with local, State and Federal regulations.

13.2 DISPOSAL CONSIDERATIONS

- **EPA RCRA WASTE CODE:** Not applicable.

SECTION 14: TRANSPORT INFORMATION

Information in this section is for **Product as SOLD**.

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:

UN/NA Number	Proper Shipping Name	Packing Group	Hazard Class	Label	North American Emergency Response Guide #	Marine Pollutant Status
NOT APPLICABLE						

- IATA DESIGNATION:** This product is not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION:** This product is not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.

14.3 SPECIAL PRECAUTIONS FOR USERS

- Not applicable.

14.4 TRANSPORT IN BULK

- Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

- OTHER IMPORTANT U.S. REGULATIONS**

- U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21):** ACUTE: Yes; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No
- U.S. CERCLA REPORTABLE QUANTITY (RQ):** Not applicable.
- U.S. TSCA INVENTORY STATUS:** All components of this product are listed on the TSCA Inventory.
- CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS:** Not applicable.

- INTERNATIONAL REGULATIONS**

- CANADIAN REGULATORY STATUS:** The product is classified as hazardous under Canadian Controlled Products regulations (SOR-88-66).
 - Classification: D2B – Materials Causing Other Toxic Effects/Toxic
 - This SDS contains all the information required by the CPR.
- CANADIAN DSL/NDL INVENTORY STATUS:** The listed components of this product are on the DSL/NDL Inventory.
- CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** The components of this product are not on the CEPA Priorities Substances Lists.
- GERMAN WATER HAZARD CLASSIFICATION:** 1 (low hazard to waters).



SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE

- DATE OF REVISION:** April 27, 2015
- SUPERCEDES** September 5, 2014
- CHANGE INDICATED:** Update of OSHA Hazard Communication Standard (29 CFR 1910.1200),

SECTION 16: OTHER INFORMATION (Continued)

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA

- SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.
- Federal OSHA Hazard Communication Standard: 29 CFR 1910.1200.
- SAX – Dangerous Properties of Industrial Materials
- TOXNET – <http://toxnet.nlm.nih.gov/>
- European Chemicals Inventory Classification and Listing: <http://echa.europa.eu>

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as SOLD			Product at USE DILUTION		
Health	1	HMIS Personal Protective	Health	0	HMIS Personal Protective
Flammability	0	Equipment Rating:	Flammability	0	Equipment Rating:
Physical Hazard	0	Occupational Use	Physical Hazard	0	Occupational Use situations:
Protective Equipment	B/C	situations: B- Safety glasses and gloves. C – Add rubber apron if splashes/sprays can occur.	Protective Equipment	B	B- Safety glasses and gloves.

16.4 DISCLAIMER

WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5 ABBREVIATIONS AND ACRONYMS

ALL SECTIONS: OSHA: U.S. Federal Occupational Safety and Health Administration. WHMIS: Canadian Workplace Hazardous Materials Standard. GHS: Globally Harmonized System of Classification of Chemical Substances. REACH: European Union regulation, Registration, Evaluation, Authorization and Restriction of Chemical substances.

SECTION 2: CAS Number: Chemical Abstract Service Number, which is used by the American chemical Society to uniquely identify a chemical.

SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (F.P.) and boiling point (BP) to classify flammable or combustible liquids. Class IA: F.P. below 73°F and BP below 100°F. Class IB: F.P. below 73°F and BP at or above 100°F. Class IC: F.P. at or above 73°F and BP at or above 100°F. Class II: F.P. at or above 100°F and below 140°F. Class IIIA: F.P. at or above 140°F and below 200°F. Class IIIB: F.P. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

SECTION 8: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists; TWA: Time-Weighted Average (over an 8-hour work day); STEL: Short-Term Exposure Limit (15 minute average, no more than 4-times daily and each exposure separated by one-hour minimally); C: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health; REL: Recommended Exposure Limit; IDLH: Immediately Dangerous to Life and Health Concentrations. *Note*: In July 1992, a court ruling vacated the more protective PELs set by OSHA in 1989. Because OSHA may enforce the more protective levels under the "general duty clause", both the current and vacated levels are presented in this document. ppm: Parts per Million. mg/m³: Milligrams per cubic meter. mppcf: Millions of Particles per Cubic Foot. BEI: Biological Exposure Limit

SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs.

SECTION 9 (Continued): LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. ≈: Approximately symbol. VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxin: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LDxx or LCxx: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (xx) of exposed test animals by the designate route of administration. This value is used to access the toxicity of chemical substances to humans. TDxx or TCxx: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (xx) of exposed test animals by the designate route of administration.

SECTION 12: EC50: Effect Concentration (on 50% of study group); BOD: Biological Oxygen Demand. N/LOEC: No/Lowest Observable Effect Concentration.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff. and provide "community right-to-know" requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-766. DSL/NDSL: Canadian Domestic Substances and Non-Domestic Substances Lists.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

Product: 870084 WAXIE KLEEN-BRITE GALLON-4X1
 Emergency Phone # (800) 255-3924

Effective : 03/16/98
 Supersedes: 10/25/96
 SDGES

*** MATERIAL SAFETY DATA SHEET ***

*** SECTION I-PRODUCT IDENTIFICATION ***

***** MANUFACTURER *****	***** DISTRIBUTED BY *****
GENLABS	WAXIE SANITARY SUPPLY
PO BOX 1697	Corporate Headquarters
	9353 Waxie Way
CHINO, CA 91708-/10	San Diego, CA 92123
(909) 591-8451	(858) 292-8111
	Tom Seaton
	Director of Product Management

HAZARD RATING	HMIS	NFPA
Health :	not available	2 Moderate
Flammability :	not available	0 Insignificant
Reactivity :	not available	0 Insignificant

*** SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION ***

CAS #	INGREDIENTS	WEIGHT %
7664-38-2	{SARA,PA,NJ,MA} Phosphoric Acid	
	EXPOSURE LIMIT : 1mg/m3 ACGIH TLV/OSHA PEL	
	: 3 mg/m3 ACGIH/OSHA STEL	

*** SECTION III-PHYSICAL DATA ***

APPEARANCE/ODOR.....: Red, Cherry Odor
 SPECIFIC GRAVITY.....: 1.09
 VAPOR PRESSURE - (mm Hg).....: Not Tested
 PERCENT VOLATILE BY VOLUME (%).....:
 SOLUBILITY IN WATER.....: 100%
 VAPOR DENSITY (Air=1).....: Not Tested
 FREEZING POINT (*F).....:
 BOILING POINT (*F).....: >212 deg F
 ph.....: LOW
 EVAPORATION RATE (Butyl Acetate=1): Not Tested
 VOC.....: <10 g/L
 THEORETICAL VOC (lb/gal).....:

*** SECTION IV-FIRE AND EXPLOSION INFORMATION ***

FLASH POINT (*F) (Method Used):
 None
 FLAMMABLE LIMITS:
 Not Tested. LEL / UEL: Not Tested
 EXTINGUISHING MEDIA:
 None
 SPECIAL FIREFIGHTING PROCEDURES:
 None
 UNUSUAL FIRE AND EXPLOSION HAZARDS:
 None

*** SECTION V-HEALTH HAZARD DATA ***

PRIMARY ROUTE OF ENTRY:
 Inhalation, Skin, Ingestion
 SIGNS AND SYMPTOMS:

Product: 870084 WAXIE KLEEN-BRITE GALLON-4X1
Emergency Phone # (800) 255-3924

Effective : 03/16/98
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SDGES

*** MATERIAL SAFETY DATA SHEET ***

*** SECTION V-HEALTH HAZARD DATA ***

Eyes: Burning irritation, severe.
Skin: Severe irritation.
Ingestion: Burning irritation, Nausea.
Inhalation: Irritation.

FIRST AID PROCEDURES:

Eyes: Flush with water for 15 minutes. If irritation persists, call physician
Skin: Wash with soap and water. If irritation persists, call physician
Ingestion: Drink large amounts of water, Call physician.
Inhalation: Get person to fresh air. If unconscious, call physician.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:

Same signs and symptoms of over exposure

*** SECTION VI-REACTIVITY DATA ***

STABILITY:

Stable

STABILITY-CONDITIONS TO AVOID:

None

INCOMPATIBILITY:

Cationic Materials, Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2

HAZARDOUS POLYMERIZATION:

None.

HAZARDOUS POLYMERIZATION-CONDITIONS TO AVOID:

None

*** SECTION VII-SPILL OR LEAK PROCEDURES ***

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

Soak up with inert, absorbant material. Scoop up and place in a proper waste disposal container.

WASTE DISPOSAL INFORMATION:

Dispose of in accordance with state and local regulations.

*** SECTION VIII-SPECIAL PROTECTION INFORMATION ***

RESPIRATORY PROTECTION:

Open all doors and windows. If there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CRF 1910.134, is required.

VENTILATION:

Local exhaust if available. Mechanical if available.

PROTECTIVE GLOVES:

Rubber or plastic, Chemical Resistant.

EYE PROTECTION:

Glasses/Goggles

OTHER PROTECTIVE MEASURES:

Use common sense and care around chemicals. Never mix chemicals. Consult your Supervisor for other practices. All practices depend on your specific

Product: 870084 WAXIE KLEEN-BRITE GALLON-4X1
Emergency Phone # (800) 255-3924

Effective : 03/16/98
Supersedes: 10/25/96
SDGES

*** MATERIAL SAFETY DATA SHEET ***

*** SECTION VIII-SPECIAL PROTECTION INFORMATION ***

business. Directions for use are normally found on label which will dictate engineering and control measures.

*** SECTION IX-SPECIAL PRECAUTIONS ***

PRECAUTIONARY LABELING:

KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

OTHER HANDLING AND STORAGE CONDITIONS:

Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 deg F, or heat above 110 deg F.

*** SECTION X-ADDITIONAL INFORMATION ***

ADDITIONAL INFORMATION:

All chemicals incorporated into this product are found on the TSCA Inventory List.

Phosphoric Acid is a SARA 313 Chemical.

*** SECTION XI-TRANSPORTATION INFORMATION ***

DOT CLASS:

DOT #:

NA1760

SHIPPING NAME:

DOT NOTES:

*** SECTION XII-REGULATORY INFORMATION ***

Note: Genlabs believes the data set forth are accurate, Genlabs makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product.

The disclosures and information set forth on this sheet were provided by manufacturers and distributors who provide product(s) for WAXIE. WAXIE does not warrant the accuracy, completeness or legality of such disclosures or information or that WAXIE has correctly and completely reproduced and copied the same.

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-3; Reactivity-0; Special---		HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B	
Manufactured For: WAXIE Sanitary Supply		DOT Hazard Classification: ORM-D	
Address: 9353 Waxie Way		Identity (trade name as used on label):	
Address: San Diego, CA 92193-1036		Country Day Dry Deodorizer & Odor Counteractant	
Phone: 1-800-995-4466		MSDS Number: A00238BP	
EMERGENCY RESPONSE NUMBER: 1-800-255-3924		Revision: 5	
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA		Date Prepared: 02/01/07	
		Information Calls: 858-292-8111	
		Prepared By: TR/IB	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ACETONE	67-64-1	No	1000	750	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H₂O=1): Concentrate Only = < 1
Vapor Pressure: PSIG @ 70°F (Aerosols): 50-60	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear liquid with fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols): flame projection with spray through cap: projection greater than 18" with flashback: Categorized as EXTREMELY FLAMMABLE		Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A		SPECIAL FIRE FIGHTING PROCEDURES: Provide shielding for personnel. Wear self-contained breathing apparatus. Cool containers with water fog to prevent rupturing & spewing.	
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.		Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 120°F or the container may rupture.	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ STABLE ☐ UNSTABLE	HAZARDOUS POLYMERIZATION ☐ WILL ☒ WILL NOT OCCUR
Incompatibility (Mat. to avoid): Alkalis, oxidizing materials, amines.	Conditions to Avoid: Open flame, welding arcs, heat.
Hazardous Decomposition Products: CO, CO ₂ .	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: ☒ INHALATION ☐ INGESTION ☐ SKIN ABSORPTION ☐ EYE ☐ NOT HAZARDOUS	
ACUTE EFFECTS Vapor concentrations around 1000 ppm may cause slight transient irritation to the upper respiratory tract.	
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.	
Eye Contact: Irritation.	
Skin Contact: May cause slight irritation.	
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.	
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause mucous membrane irritation, overnight headache, and general weakness.	
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines / NIOSH for organic vapor.
Protective Gloves: Latex, if skin easily irritated.
Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.
Other Protective Clothing & Equipment: None
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 120°F.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
 ** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only



Identity # 870120; 870121; 870124

Name SAFETY BLITZ ALL-PURPOSE, NON-BUTYL, POWER CLEANER

Section 1

Manufactured For - Waxie Sanitary Supply

Address - 9353 Waxie Way Emergency Phone (Chem-Tel) 1-(800) 255-3924

City - San Diego State - CA 92123-1036 Phone - (800) 995-4466

Date Prepared- 4/6/2005

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Weight% (Optional)
Sodium Metasilicate Pentahydrate	6834920	15MG/M3	10MG/M3	
2-Amino-Ethanol	141435	3PPM	3PPM	

Note:

VOC Content- 98 g/L

Section 3 - Physical/Chemical Characteristics

Boiling Point- >212 F

Vapor Pressure - Not Tested

Vapor Density - Not Tested

pH- 12.5-14.0

Solubility In Water- 100%

Specific Gravity- 1.01

Appearance and Odor- GREEN/MINT ODOR

Melting Point - Not Tested

Evaporation Rate - Not Tested

Section 4 - Fire and Explosion Hazard Data

Flash Point- None

Flammable Limits - Not Tested

LEL- Not Tested

UEL- Not Tested

DOT# NONE

NFPA Hazard Rating -	H	F	R	S	HMIS Hazard Rating -	H	F	R
(0- Least, 4- Extreme)	2	0	0	0		2	0	0

Extinguishing Media- CO2, DRY FOAM

Special Fire Fighting Procedures NONE

Unusual Fire and Explosion Hazards- NONE

Section 5 - Reactivity Data

Stability - Stable

Conditions to Avoid - None

Incompatible Materials to Avoid- Strong Oxidizers

Hazardous Decomposition or Byproducts- CO, CO2

Hazardous Polymerization- None

Conditions to Avoid- None

Section 6 - Health Hazard Data

Routes of Entry

Inhalation? - Possible

Skin? - Possible

Ingestion? - Possible

Health Hazards - Same as Signs and Symptoms of Exposures

Note - All Chemicals in this Product are Found on the TSCA Inventory List.

OSHA Carcinogenicity? - None; NTP? - None; IARC Monographs? - None.

870120; 870121; 870124

Signs and symptoms of over exposure:

Eyes - Burning Sensation

Skin- Irritant

Ingestion-Irritant

Inhalation- Dizziness, Headaches, Irritation

Medical Conditions Generally Aggravated by Exposure - Same as Signs and Symptoms of Over Exposure.

Emergency and First Aid Procedures

Eyes - Flush With Water For 15 Minutes. If Irritation Persists, Call Physician.

Skin- Wash Off With Soap & Water, If Irritation Persists, Call Physician

Ingestion- Drink Large Amounts of Water, Call Physician

Inhalation- Get Person to Fresh Air If Unconscious, Call Physician

Section 7 - Precautions For Safe Handling and Use.

Steps to be taken in case material is released or spilled - Contain with an inert, absorbent material. Collect in an approved container and place in a proper waste disposal container.

Waste Disposal Method - Dispose of in accordance with state and local regulations.

Precautions To Be Taken In Handling and Storing - Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 F, or heat above 110 F.

Other Precautions - Keep out of reach of children. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory Protection - Open all doors and windows. "If" there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CRF 1910.134, is required.

Ventilation	Local Exhaust - If Available	Special - None
	Mechanical - If Available	Other - None

Protective Gloves- Plastic or Rubber, Chemical Resistant

Eye Protection- Glasses, Goggles

Other Protective Clothing or Equipment- NONE

Hygienic Work Practices - Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures.

Other Special Requirements

Note: Waxie believes the data set forth are accurate, Waxie makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion



Material Safety Data Sheet

WAL-MART **GREAT VALUE DISINFECTANT SPRAY**

EPA REG. NO. 11525-30-41348

Identity: Disinfectant Spray

Section I

Manufacture's Name:

KIK International

Address (Tech Service location)

1 West Hegeler Lane

Danville, IL 61832

Emergency Telephone # 1-800-424-9300

Telephone # for Information

217-442-1400, ext. 320

Date Prepared:

6/20/06 new

Signature (Optional)

Section II -- Hazardous Ingredients/Identity Information

Hazard	Component (inc. CAS#)	OSHA PEL	ACGIH TLV	other limits	% (opt.)
1,2,3,4	ethanol, 64-17-5	400 ppm	400 ppm	ne	~53
4	propane, 74-98-6 (propellant)	1000 ppm	ne	ne	~3
4	Isobutane, 75-28-5 (propellant)	ne	ne	ne	~17

Only the hazardous, toxic etc. materials that are required to be reported are listed above. Chemicals which have hazards in their pure forms may have less effect when diluted in a product.

- 1) eye irritant
- 2) skin irritant
- 3) respiratory irritant
- 4) flammable or combustible
- 5) toxic
- 6) other

(NE = not established in section II)

Section III - Physical/Chemical Characteristics

Boiling Point - NA

Aerosol Density ($H_2O = 1$) - approx. 0.81

Vapor Pressure, PSIG @ 70°F - 50, typical

Melting Point - NA

Vapor Density (air = 1) >1

Evaporation Rate (butyl acetate = 1) <1

Solubility in water - Soluble.

Appearance and Odor - Fine conical spray, with odor of ethyl alcohol and characteristic fragrance notes.

(NA = Not Applicable in Section III)

Section IV - Fire and Explosion Hazard Data

Flash Point - Aerosols usually will have a flash point near that of the propellant, about -100°F. Flammable Limits - NA

Extinguishing Media - all types

Special Fire Fighting Procedures - NA

Unusual Fire and Explosion Hazards - Exposure to temperatures over 120°F (49°C) may cause bursting or venting. Keep containers cool. Use equipment or shielding to protect personnel from bursting containers.

Section V- Reactivity Data

Stability - Stable

Conditions to Avoid - Temperatures over 120°F

Incompatibility/Materials to Avoid - Alkalis and acids

Hazardous Polymerization or Decomposition - None known

Section VI - Health Hazard Data

Routes of Entry/Health Hazards

Inhalation - Inhalations of high concentrations may cause irritation of the respiratory tract. Symptoms include headaches, dizziness, nausea, vomiting, and malaise. Intentional misuse by concentrating and inhaling vapors may be harmful or fatal.

Skin - Will cause irritation. Repeated contact causes moderate irritation, defatting, and/or dermatitis.

Eyes - Will cause irritation.

Ingestion - Will cause irritation, nausea, vomiting, pain, and possible loss of consciousness.

Carcinogenicity NTP? -no IARC Monographs? -no

Signs and Symptoms of Exposure - Irritation of the skin or eyes; dizziness, nausea, vomiting, pain, loss of consciousness

Medical Conditions Generally Aggravated by Exposure - None known

Emergency First Aid Procedures - Wash Skin with soap and water, or flush eyes with water for 15 minutes. If ingested, call a Physician immediately. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. If mist, fog, or vapors cause discomfort, remove to fresh air and ventilate area. If irritation or distress still persists, seek medical aid.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled - Eliminate all sources of ignition. Ventilate area. Mop up excess. Flush off any remaining material with soapy water. Flush again.

Waste Disposal Method - Do not puncture or incinerate (burn) empty or full cans. Dispose of in accordance with state and local regulations for consumer products. Empty cans may be landfilled.

Precautions to be taken in handling and storage - Do not store above 120°F. Do not puncture or burn. Keep aerosols from fire or sparks. Store in accordance with NFPA 30B for Level 2 Aerosols.

Other precautions - NA

Section VIII - Control Measures

Respiratory protection - If handling large industrial or warehouse spills, people should use NIOSH approved respiratory protection.

Ventilation - mechanical

Mechanical - NA

Local Exhaust - NA

Special/Other - NA

Protective Gloves - Recommended if handling large spills.

Eye Protection - Recommended if handling large spills.

Other Protective Clothing or Equipment - Recommended if handling large spills.

Work and Hygienic Practices - Wash hands before eating if material is contacted.

Notes: NA = Not Available

NE = none established

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SAFETY DATA SHEET



This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200, as updated in 2012) and equivalent state Standards. It has also been developed in accordance with the United Nations Globally Harmonized System of Classification of Chemicals (GHS) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Refer to Section 16 of this document for the definition of terms and abbreviations

WAXIE SWISH CLEANER

170081

A00252

Version 1.0

Revision Date 04/28/2015

Print Date 05/18/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : WAXIE SWISH CLEANER

Material number : 170081

Manufacturer or supplier's details

Company : WAXIE Sanitary Supply

Address : 9353 Waxie Way, San Diego CA. 92123-1036

Telephone : 1-800-995-4466

Emergency telephone numbers

For a Medical Emergency : 1-800-255-3924 (CHEMTEL; 24 hours)

For a Transportation Emergency : 1-800-255-3924 (CHEMTEL; 24 hours)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a liquefied gas
Color	white
Odor	characteristic

GHS Classification

Gases under pressure : Liquefied gas

Carcinogenicity : Category 2

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H280 Contains gas under pressure; may explode if heated.
H351 Suspected of causing cancer.

Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.

SAFETY DATA SHEET



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WAXIE SWISH CLEANER

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Response:

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage:

P405 Store locked up.

P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Potential Health Effects

Carcinogenicity:

IARC

Group 2B: Possibly carcinogenic to humans

Amides, coco,

68603-42-9

N,N-bis(hydroxyethyl)

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration [%]
2-(2-butoxyethoxy)ethanol	112-34-5	>= 5 - < 10
butane	106-97-8	>= 1 - < 5
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	>= 0.1 - < 1

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
Show this safety data sheet to the doctor in attendance.
Move out of dangerous area.

If inhaled : If unconscious place in recovery position and seek medical advice.
Consult a physician after significant exposure.

SAFETY DATA SHEET



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WAXIE SWISH CLEANER

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A00252

Version 1.0

Revision Date 04/28/2015

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Move to fresh air.

- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
If on clothes, remove clothes.
If skin irritation persists, call a physician.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
Rinse immediately with plenty of water for at least 15 minutes.
- If swallowed : Keep respiratory tract clear.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
Water spray jet
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SAFETY DATA SHEET



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SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Use personal protective equipment. |
| Environmental precautions | : Prevent further leakage or spillage if safe to do so.
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up or vacuum up spillage and collect in suitable container for disposal. |

SECTION 7. HANDLING AND STORAGE

- | | |
|-----------------------------|--|
| Advice on safe handling | : Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Do not breathe vapors or spray mist.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Dispose of rinse water in accordance with local and national regulations.
Always replace cap after use. |
| Conditions for safe storage | : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.
No smoking.
Observe label precautions.
Keep in a dry, cool and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid | : Strong oxidizing agents |

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
butane	106-97-8	TWA	800 ppm 1,900 mg/m3	NIOSH REL
		TWA	800 ppm 1,900 mg/m3	OSHA P0

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection
Remarks

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Safety glasses
Ensure that eyewash stations and safety showers are close to the workstation location.

Skin and body protection

: impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: Wash hands before breaks and at the end of workday.
When using do not eat or drink.
When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aerosol containing a liquefied gas

Color : white

Odor : characteristic

Odor Threshold : no data available

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pH	: no data available
Melting point/freezing point	: no data available
Boiling point	: no data available
Flash point	: not applicable
Evaporation rate	: no data available
Flammability (solid, gas)	: The product is not flammable.
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapor pressure	: no data available
Relative vapor density	: no data available
Density	: no data available
Solubility(ies)	
Water solubility	: completely soluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: not determined
Thermal decomposition	: no data available
Viscosity	
Viscosity, kinematic	: no data available
Heat of combustion	: 4.01 kJ/g

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapors may form explosive mixture with air. No decomposition if stored and applied as directed.
Conditions to avoid	: Heat, flames and sparks. Extremes of temperature and direct sunlight.

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Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation method

Components:

butane:

Acute inhalation toxicity : LC50 mouse: 1,237 mg/l
Exposure time: 2 h

LC50 rat: 1,355 mg/l

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

2-(2-butoxyethoxy)ethanol:

butane:

Amides, coco, N,N-bis(hydroxyethyl):

STOT - single exposure

no data available

STOT - repeated exposure

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no data available

Aspiration toxicity

no data available

Further information

Product:

Remarks: no data available

Components:

Amides, coco, N,N-bis(hydroxyethyl):

Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: no data available

Components:

2-(2-butoxyethoxy)ethanol :

Partition coefficient: n-octanol/water : Pow: 1

butane :

Partition coefficient: n-octanol/water : Pow: 2.89

Amides, coco, N,N-bis(hydroxyethyl) :

Partition coefficient: n-octanol/water : Remarks: no data available

Mobility in soil

no data available

Other adverse effects

no data available

Product:

Regulation

40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I

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Remarks

Substances

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

: no data available

Components:

Amides, coco, N,N-bis(hydroxyethyl) :

Additional ecological information

: no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

: Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.
The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging

: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
ORM-D, CONSUMER COMMODITY

Transportation Regulation: IMDG (Vessel):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: IATA (Passenger Air):
UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

Transportation Regulation: TDG (Canada):

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UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, - Limited quantity

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
2,2'-iminodiethanol	111-42-2	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Sudden Release of Pressure Hazard
Chronic Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : 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.

California Prop 65 WARNING! This product contains a chemical known to the State of California to cause cancer.

Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9
biphenyl-2-ol	90-43-7
2,2'-iminodiethanol	111-42-2

The components of this product are reported in the following inventories:

TSCA	On TSCA Inventory
DSL	This product contains one or several components that are not on the Canadian DSL nor NDSL.
AICS	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory

Inventory Acronym and Validity Area Legend:

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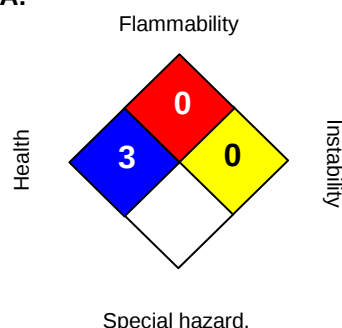
Print Date 05/18/2015

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	3*
FLAMMABILITY	0
PHYSICAL HAZARD	2

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

OSHA GHS Label Information:

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

: **Warning:**
: Contains gas under pressure; may explode if heated. Suspected of causing cancer.
:
: **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
: **Response:** IF exposed or concerned: Get medical advice/ attention.
: **Storage:** Store locked up. Protect from sunlight. Store in a well-ventilated place.
: **Disposal:** Dispose of contents/container in accordance with local regulation.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

1. Product and Company Identification

Product Name:	Woolite Heavy Traffic Carpet Cleaner		
Product Number:	0820/ 820C/ 0820D/ 8203/ 8203V/ 8204		
Chemical Formula:	Mixture		
Manufacturer:	24-Hour Emergency Phone Numbers:		
BISSELL Homecare, Inc.	Prosar	1 866-303-6951	
PO Box 1888	Chemtrec	1 800-424-9300	
Grand Rapids, MI 49501			
(616) 453- 4451			

2. Composition Information on Ingredients

<u>Ingredient</u>	<u>Percent</u>	<u>OSHA PPM</u>	<u>ACGIH PPM</u>	<u>CAS Number</u>
Isobutane	<5%	TLV 1000		75- 28- 5
Propane	<5%	TLV 1000	TLV 1000	74- 98- 6

Also Contains surfactants, acrylate polymer, fragrance and water.

3. Hazard Identification

Emergency Overview: KEEP OUT OF REACH OF CHILDREN,
Contents Under Pressure

Potential Health Effects:

Eye:	Contact with eyes may cause irritation.
Skin:	Prolonged contact with skin may cause mild irritation.
Inhalation:	Inhalation is not expected route of exposure. Inhalation of product mist or spray may cause respiratory irritation.
Ingestion:	Ingestion of small amount may cause gastrointestinal irritation, and more serious effects are possible if large quantities are swallowed.

4. First Aid Measures

Eye:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.
Skin:	Wash skin with water. Remove contaminated clothing.
Ingestion:	If swallowed, call a physician or poison control center. Do NOT induce vomiting or give anything to drink unless instructed to do so by a physician. Never give anything by mouth to an unconscious person.
Inhalation:	Remove affected person to fresh air. Get medical attention if person has difficulty breathing or irritation develops or persists.

5. Fire Fighting Measures

Flash Point:	Mixture is not flammable.
Flammability Limits:	None.
Extinguishing Media:	Use water, water fog, CO2, dry chemicals or foam.
Fire and Explosion Hazards:	Aerosol cans may burst if exposed to heat in excess of 120°F. NFPA 30B- Level 1 Aerosol.
Fire Fighting Equipment:	Water may be used to cool closed containers and prevent pressure build up and possible bursting. Fire fighters should wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Small Spills:	Absorb and wipe up or rinse away with water.
Large Spills:	Contain spilled product with sand or other absorbent material. Place in an appropriate container for disposal. Wash area with water.

7. Handling and Storage

Handling:	Use only as directed. Avoid contact with eyes. Use with adequate ventilation. Wash hands before eating.
Storage:	Store Out Of Reach Of Children. Do not store in direct sunlight, or at temperatures exceeding 120°F. NFPA 30B- Level 1 Aerosol.

8. Personal Protection

Respiratory Protection:	Not required under conditions of use.
Protective Gloves:	Not required under conditions of use.
Eye Protection:	Not required under conditions of use.
Ventilation:	Not required under conditions of use.

9. Physical and Chemical Properties

Appearance:	Aerosol Spray
Odor:	Characteristic Fragrance
Boiling Point 760 mm Hg:	212°F
Vapor Pressure:	52- 58 psi (Propellant)
Vapor Density:	Is heavier than air
Solubility in Water:	Complete
Specific Gravity:	1.0
pH:	9.0- 9.8
Percent VOC:	5%

10. Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Temperatures above 120F (48.8C). Do Not puncture or incinerate containers.
Incompatibility:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

11. Toxicological Information

Ingestion:	The oral LD50 is greater than 5 g/ kg in rats.
Inhalation:	The inhalation LC50 is greater than 20 mg/ L for one-hour exposure for laboratory animals.
Skin:	Not a primary dermal irritant (rabbit).
Eye:	Not an ocular irritant (rabbit).

12. Ecological Information

Aquatic Toxicity:	No information available.
Environmental Effects:	Product is expected to rapidly disperse in the aquatic environment.

13. Disposal Consideration

Disposal of Product:	Disposal methods must comply with all Federal, State or Provincial, and local laws and regulations.
Disposal of Packaging:	Disposal methods must comply with all Federal, State or Provincial, and local laws and regulations.

14. Transportation Information

HMIS Hazard Rating:	Health: 0	Fire: 1	Reactivity: 1
Hazard Rating Scale: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme			
49 CFR (GRD):	CONSUMER COMMODITY, ORM-D		
IATA (AIR):	UN1950, AEROSOLS, 2.2, LTD QTY		
IMDG (OCN):	UN1950, AEROSOLS, 2.2, LTD QTY		
TDGR (Canadian GND):	LIMITED QUANTITY / QUANTITE LIMITEE		
ADR / RID:	UN1950, AEROSOLS, 2.2, LTD QTY, ADR		
MEXICO (SCT):	UN1950, AEROSOLE, 2.2, CANTIDAD LIMITADA		

15. Regulatory Information

California Prop 65:	None of the chemicals in this product are listed.
State Criteria Lists:	Isobutane is on the following States' criteria lists: MA, NJ, and PA.
WHIMS Classification:	Class A (Compressed Gases) and D2B (Other toxic effects- for surfactants).
DSL / NDSL:	All of the components are listed.
Priority Substances List:	None of the components are listed.

European Union Directive 67 / 548 Label Information:

Contents Under Pressure, Keep Out Of Reach Of Children. Avoid eye contact. In case of eye contact, rinse immediately with plenty of water and seek medical advice.

Keep away from hear, sparks, open flames, hot surfaces. Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use. Protect from sunlight and do not expose to temperature exceeding 50C.

16. Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with federal, state or Provincial, and local laws.

Effective Date: March 18, 2013

Supersedes: July 12, 2010

Prepared By: Don Mahaffy

This MSDS has been revised in the following sections:

General Update