

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: 320822, 320824, 20825SA
- PRODUCT NAME:
 - 320822 – 5 GL: Bombers Industrial-Strength Stripper**
 - 320824 – 1 GL: Bombers Industrial-Strength Stripper**
 - 320825SA – 55 GL: Bombers Industrial-Strength Stripper**

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST

- IDENTIFIED USE: Removing buildup of waxes, floor finishes and sealers.
- 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 SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and other workplaces where large numbers of these items are stored or distributed.
- This product is intended to be used only after dilution. The relevant hazard and safety data sheet are specified for both the **Product as SOLD** and **Product at USE DILUTION**, where appropriate.

SECTION 2: HAZARDS 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); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)

Product at USE DILUTION (< 10%)

Skin corrosion (Category 2); Serious eye damage (Category 2A)

2.2 LABEL ELEMENTS:

ELEMENT

Hazard Pictograms

Product as SOLD



Product at USE DILUTION (<10%)



Signal Word

Hazard Statements

DANGER.

Harmful if inhaled, swallowed, or in contact with skin.

Causes severe skin burns and eye damage.

May be corrosive to metals.

WARNING.

Causes skin and serious eye irritation.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED	Product as SOLD	Product at USE DILUTION (<10%)
Eye Contact	Flush with copious amounts of water for 15 minutes. "Roll" eyes during flush. Seek medical attention immediately.	Flush with copious amounts of water for 15 minutes. "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. Seek medical attention if irritation persists.
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.
Other Recommendations	Wash clothing before reuse.	

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

• ACUTE HEALTH EFFECTS:

AREA EXPOSED	Product as SOLD	Product at USE DILUTION (<10%)
Eye Contact	Corrosive to eye tissue; contact will cause pain, redness, and tissue damage. Chemical burns and blindness may occur.	Causes serious eye irritation.
Skin Contact	Corrosive to skin tissue; contact will cause pain, redness, and tissue damage. Chemical burns may occur.	Causes mild to moderate skin irritation, depending on duration of contact
Inhalation	Inhalation of sprays, mists may cause coughing, nasal congestion and sore throat.	May causes respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.
Ingestion	Corrosive and may cause severe and permanent damage to mouth, throat, and stomach. May be fatal if swallowed.	Causes gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting if large volumes are ingested.

• CHRONIC HEALTH EFFECTS:

Product as SOLD	Product at USE DILUTION (<10%)
Prolonged or repeated eye contact may cause conjunctivitis. Prolonged or repeated skin contact may cause dermatitis. Due to the presence of 2-Butoxyethanol, prolonged or repeated inhalation or ingestion may affect the liver, blood (potentially causing anemia), kidneys, metabolism and endocrine system (spleen, thymus, pancreas).	None reported.

• TARGET ORGANS:

Product as SOLD	Product at USE DILUTION (<10%)
Eyes, Skin, Respiratory System, Central Nervous System, Kidneys, Liver, Blood, Endocrine System.	Skin, eyes.

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-incidental 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 unlikely event of a 55-gallon or multi-container release of the **PRODUCT AS SOLD**, and there is no other hazardous condition in the area, the use of an air-purifying respirator with high-efficiency particulate filter cartridge, face-shield, safety glasses, and double gloves (e.g. nitrile over latex gloves), and body protection is recommended if splashes/sprays/mists can be generated during clean-up or the concentration of vapors is high. Use Self-Contained Breathing Apparatus if concentration of oxygen is less than 19.5% or is unknown.

- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. If appropriate, neutralize contaminated area and equipment with base neutralizing agent. Rinse contaminated items and area thoroughly. Confirm that neutralization/decontamination is complete by testing with pH paper.

6.2 **ENVIRONMENTAL PRECAUTIONS**

- Avoid response actions that can cause a release of a significant amount of the substance (more than one, 5-gallon container) 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; base neutralizing agent; pH paper.

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**

Hygiene Practices

Product as SOLD

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.

Product at USE DILUTION (<10%)

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.

Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

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 (<10%)</u>
Appearance	Amber liquid.	Colorless to yellow.
Odor	Solvent.	Slight solvent
Odor Threshold	Not determined.	Not determined.
pH	12-14	10-12
Melting Point/Freezing Point	Not determined.	Approx. 0°C (32 °F).
Initial Boiling Point/Boiling Range	>99°C (210 °F).	Approximately 100°C (212°F).
Flash Point	Not applicable.	Not applicable.
Evaporation Rate (Water = 1)	Approx. 1.0.	Approx. 1.0.
Flammability	Not applicable.	Not applicable.
Upper/Lower Explosive Limits	Not applicable.	Not applicable.
Vapor Pressure	Not determined.	Not determined.
Vapor Density	Not determined.	Not determined.
Relative Density (Density)	1.04 (8.67 lb/gal)	Approx. 1.0. (8.34 .b/gal)
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): Not applicable.
- WEIGHT% VOC: Not applicable.

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.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizing agents, strong acids, water reactive material, aluminum and soft metals; lead; tin and tin oxides.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition of this product include caustic vapors, carbon monoxide, carbon dioxide, and oxides of potassium and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

- **REPRODUCTIVE TOXICITY INFORMATION:** The components of this product are not reported to cause reproductive effects under typical circumstances of exposure. The following reproductive toxicity data are available for components of this product:
 - **2-BUTOXYETHANOL:** Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. May cause adverse reproductive effects (maternal and paternal fertility, fetotoxicity) based on animal data. May cause birth defects (teratogenic) based on animal data.
- **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:** Not applicable.
- **SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** Not applicable.
- **ASPIRATION HAZARD:** Not applicable.
- **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 is anticipated to be harmful or fatal to contaminated terrestrial plants or animals.
- The following aquatic toxicity data are available for components of this product:

POTASSIUM HYDROXIDE

LC50 (Gambusia affinis): 80 mg/l - 96 hours

1-AMINO-2-PROPANOL

LC50 (Carassius auratus): 210 mg/l - 96 hours

2-BUTOXYETHANOL

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.

12.3 BIOACCUMULATIVE POTENTIAL

- This product is not anticipated to bioaccumulate significantly.

12.4 MOBILITY IN SOIL

- It is expected this product will have small mobility in soil. Some of the components may get into the soil and, ultimately, the ground water. Product spreads on the water surface.

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:** D002; applicable to wastes consisting only of this product.

SECTION 14: TRANSPORT INFORMATION

- INTERNATIONAL REGULATIONS**
 - CANADIAN REGULATORY STATUS:** The **PRODUCT** as **SOLD** is classified as hazardous under Canadian Controlled Products regulations (SOR-88-66).
 - It is classified as E –Corrosive Material. See symbol to right.
 - 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:** March 18, 2014
- SUPERCEDES:** January 16, 2015
- CHANGE INDICATED:** Inclusion of 55 gallon drum information.

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
- RTECS – Registry of Effects of Toxic Chemicals

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as SOLD

Health	3	HMIS Personal Protective
Flammability	0	Equipment Rating:
Physical Hazard	0	Occupational Use
Protective Equipment	C/D	situations: C - Safety glasses and gloves and-body protection suitable to specific circumstances of use should be worn. D - Face-shield should be added if splashes/sprays can occur.

Product at USE DILUTION

Health	2	HMIS Personal Protective
Flammability	0	Equipment Rating:
Physical Hazard	0	Occupational Use situations: B - Safety glasses and gloves. C – Rubber apron should be added if splashes/sprays can occur.
Protective Equipment	B/C	

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.