

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

- MANUFACTURER
ITEM NUMBER(S): 380077, 380081
- PRODUCT NAME: **KLEENLINE Boost™ Foam Handwash**
 - No-Touch CB6 Boost Refill 1200 mL: 380077
 - NRG™ No-Touch Boost Refill 1200 mL: 380081

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE

- RECOMMENDED USE: For personal care in occupational settings.
- 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: **Envoy Solutions**
- ADDRESS: 2101 Claire Ct; Glenview, IL 60025
- BUSINESS PHONE: 1-800-995-4466
- EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION

- Third-Party Certification. ECOLOGO CCD-104/UL 2784 Certified

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

OSHA/HCS Status

Classification of the Substance or Mixture Flammable liquids (Category 3); Serious Eye Damage/Irritation (Category 2A)

2.2 LABEL ELEMENTS:

Hazard Pictograms



Signal Word

WARNING.

Hazard Statements

Flammable liquid and vapor. Causes serious eye irritation

Precautionary Statements

Prevention

Keep out of reach of children. Keep away from heat, sparks, open flames, and hot surfaces – No smoking. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static electrical discharge. Wash hands thoroughly after use. Wear eye protection/face protection.

Response

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

IN CASE OF FIRE: Use Class B Fire Extinguisher (e.g., dry chemical, alcohol resistant foam).

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents/container to an approved waste disposal plant.

SECTION 2: HAZARD IDENTIFICATION (Continued)

2.3 OTHER PERTINENT HAZARDS NOT OTHERWISE CLASSIFIED

- **OTHER POTENTIAL HEALTH EFFECTS:** Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

CHEMICAL	CAS NUMBER	GHS HAZARD CLASSIFICATION FOR CHEMICAL	% (w/w)
Ethanol	64-17-5	Flammable liquids (Category 2); Acute toxicity, Oral (Category 4); Specific target organ toxicity - single exposure (Category 1); Acute aquatic toxicity (Category 2); Chronic aquatic toxicity (Category 2)	>= 10 - < 20
Sodium Laureth Sulfate	68585-34-2	Serious eye damage (Category 2A); Skin irritation/corrosion (Category 2B)	>= 1 - < 5
Glycerin	56-81-5	Not Classified as Hazardous.	>= 1 - < 5
The remaining components of this product are not classified as hazardous in their existing concentrations			Balance

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact

Flush with copious amounts of water. "Roll" eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact

Not applicable: Product for use on skin.

Inhalation

Obtain fresh air. Blow nose.

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.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- **ACUTE HEALTH EFFECTS:**

AREA EXPOSED

Eye Contact

Exposure to mists or sprays causes serious eye irritation.

Skin Contact

Prolonged contact has the potential to be mildly irritating.

Inhalation

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

Ingestion

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

- **CHRONIC HEALTH EFFECTS:** None reported.
- **TARGET ORGANS:** Eyes.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- **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

5.1 EXTINGUISHING MEDIA

- **RECOMMENDED FIRE EXTINGUISHING MEDIA:** Dry Powder, Foam, Carbon Dioxide, Halon, or any other Class B extinguisher.
- **UNSUITABLE FIRE EXTINGUISHING MEDIA:** None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- **NFPA FLAMMABILITY CLASSIFICATION:**

NFPA Rating



NFPA Classification

Class IC Flammable Liquid.

- **UNUSUAL HAZARDS IN FIRE SITUATIONS:**

Decomposition Products

Carbon dioxide, carbon monoxide, sodium compounds and irritating vapors.

Explosion Sensitivity to Mechanical Impact

Not applicable.

Explosion Sensitivity to Static Discharge

Static electrical sparks may ignite vapors; not anticipated to be a significant hazard for product

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 soap, any equipment that comes in contact with this product can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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 should be worn when cleaning-up spills, to avoid prolonged contact and splash protection. 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.
- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly.

6.2 ENVIRONMENTAL PRECAUTIONS

- 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

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, sprays. Use in well-ventilated area. Avoid contact with eyes

Handling Practices

Employees must be appropriately trained to use this product safely as needed. Keep away from heat, sparks, and flame. Store in a closed container away from incompatible materials.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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. Empty containers may contain residual material; therefore, empty containers should be handled with care. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

Incompatibilities

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	1000 ppm	1000 ppm	1000 ppm	NE
Glycerin	NE	15 mg/m ³ (Total Dust); 5 mg/m ³ (Respirable Fraction)	NE	NE

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established.

8.2 EXPOSURE CONTROLS

Engineering Controls

Use in well-ventilated environment.

Respiratory Protection

None needed in normal circumstances of use.

Hand Protection

None needed in normal circumstances of use. Neoprene, nitrile, or butyl gloves are recommended in the event of spill response. Ensure gloves are intact prior to use.

Eye Protection

None needed in normal circumstances of use. Safety glasses or goggles in the event of spill response or if use of product creates a splash/spray hazard.

Body Protection

None needed in normal circumstances of use.

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection
(Spill Response)



Eye Protection
(Spill Response/Splash Hazard)



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Liquid, clear, green-blue.

Odor

Light fruit, floral.

Odor Threshold

Not determined.

pH

5.5-7.2

Melting Point/Freezing Point

Not applicable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Continued)

Initial Boiling Point/Boiling Range	77 °C (171 °F)
Flash Point	32.8 °C (91 °F)
Evaporation Rate (nBuAc= 1)	Not determined.
Flammability	Class IC flammable liquid.
Upper/Lower Explosive Limits	Not determined.
Vapor Pressure	Not determined.
Vapor Density	Not determined.
Relative Density	0.98 (Specific Gravity, 0.98 g/cm ³)
Solubility	100%.
Partition Coefficient/n-octanol/water	Not determined.
Autoignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	10 - 20 mm ² /s (20 °C)

9.2 OTHER INFORMATION

- **VOC (less water & exempt):** Not determined. **WEIGHT% VOC:** Not determined.

SECTION 10: STABILITY AND REACTIVITY

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.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Thermal decomposition produces carbon monoxide, carbon dioxide, and sodium compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- **ACUTE TOXICITY:**
 - **PRODUCT TOXICOLOGY DATA:**
 - Acute Toxicity Estimate (oral) > 5000 mg/kg
 - Acute Toxicity Estimate (dermal) > 5000 mg/kg
 - **COMPONENT TOXICITY DATA:** The following data are available for components of this product:
 - :

ETHANOL LD ₅₀ (Oral, Rat) > 5000 mg/kg LC ₅₀ (Inhalation, Rat) = 124.7 mg/L; 4 hours	SODIUM LAURETH SULFATE LD ₅₀ (Oral, Rat) > 2,000 mg/kg
GLYCERIN LD ₅₀ (Oral, Rat) > 27000 mg/kg LD ₅₀ (Dermal, Rabbit) > 10000 mg/kg	
 - **DEGREE OF IRRITATION:** Causes serious eye irritation. See Section 4 (First Aid Measures) for more details.

SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

- **SENSITIZATION:** This product does not contain a skin or respiratory sensitizer.
- **REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE:** See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.

Eyes	The liquid may very irritating to the eyes.
Skin	May be mildly irritating to skin upon prolonged exposure.
Inhalation	May cause mild respiratory tract irritation and central nervous system effects if vapors are inhaled.
Ingestion	May cause gastrointestinal system irritation and central nervous system effects if ingested.
- **CHRONIC TOXICITY:**
 - **CARCINOGENICITY STATUS:** Not of the components of this product are listed as human carcinogens by IARC, NTP or OSHA. The following additional classifications are available for components of this product:
 - **Ethanol:** ACGIH-A3: Confirmed animal carcinogen with unknown relevance to humans.
 - **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:** 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

- **12.1** Based on available data, this product may be harmful to contaminated terrestrial or aquatic plants or animals, depending on the volume released into the environment.
- The following aquatic toxicity data are available for components of this product.

ETHANOL

LC50 (Pimephales promelas): > 1,000 mg/l - 96 hours
EC50 (Daphnia magna): > 1,000 mg/l- 48 hours
EC50 (Chlorella vulgaris): 275 mg/l – 72 hours
NOEC (Daphnia magna): 9.6 mg/l – 9 days
EC50 (Photobacterium phosphoreum): 32.1 mg/l -0.25h

GLYCERIN

LC50 (fish) = 64-72 mg/L
LC50 [Oncorhynchus mykiss] = 51-77 mg/L/96 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.
 - Ethanol: Readily biodegradable. Biodegradation = 84%, exposure time = 20 days.
 - Sodium Laureth Sulfate: readily biodegradable.
 - Glycerin: Readily biodegradable. Biodegradation = 94%, exposure time = 1 day

12.3 BIOACCUMULATIVE POTENTIAL

- 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.

SECTION 12: ECOLOGICAL INFORMATION (Continued)

- The following data are available for components of this product:
 - Ethanol: Log Pow = -0.35.
 - Glycerin: Log Pow = -1.76

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

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

13.2 DISPOSAL CONSIDERATIONS

- EPA RCRA WASTE CODE:** D001; Not applicable to wastes consisting only of this product.

SECTION 14: TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

UN/NA Number	Proper Shipping Name	Packing Group	Hazard Class	Label	North American Emergency Response Guide #	Marine Pollutant Status
UN 1170	Ethanol solution	III	3	Flammable Liquid	127	Not Applicable

- LIMITED QUANTITY:** For flammable liquids in Packing Group III and combustible liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging, follow rules under 49 CFR 173.150.
- CANADIAN TRANSPORTATION INFORMATION:** This product is regulated by Transport Canada as dangerous goods under Canadian transportation standards. Refer to above information.
- IATA DESIGNATION:** This product is regulated as dangerous goods by the International Air Transport Association.

Proper Shipping Name	Passenger and Cargo Aircraft				Cargo Aircraft Only	
	Limited Quantity		Packing Instruction	Max. Qty per PKG	Packing Instruction	Max. Qty per PKG
	Packing Instruction	Max. Qty per PKG				
Ethanol solution	Y344	10L	355	60L	366	220L

- IMO DESIGNATION:** This product is regulated as dangerous goods by the International Maritime Organization.

Proper Shipping Name	Limited and Excepted Quantity Provisions		Packing		EmS
	Limited Quantities	Excepted Quantities	Instructions	Provisions	
Ethanol solution	5L	E1	P001 LP01	5L	FE-SE

14.2 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.

SECTION 14: TRANSPORT INFORMATION (Continued)

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):** Flammable liquids; Eye damage/irritation.
- **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: CANADIAN REGULATORY STATUS:** The product is classified as hazardous under Hazardous Products Regulations (SOR-2015-17).
 - WHMIS 2015: See section 2.
 - This SDS contains all the information required by the HPR.
- **CANADIAN DSL/NDL INVENTORY STATUS:** The listed components of this product are on inventory or exempted.
- **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITY SUBSTANCES LISTS:** The listed components of this product are not on the CEPA Priority Substances Lists.

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE

- **DATE OF REVISION:** April 18, 2022
- **SUPERCEDES:** March 21, 2018
- **CHANGE INDICATED:** Update of manufacturer 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
- TOXNET – <http://toxnet.nlm.nih.gov/>

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as SOLD

Health	2
Flammability	3
Physical Hazard	0
Protective Equipment	B

HMIS Personal Protective Equipment Rating: Spill clean-up situations: B - Safety glasses and gloves.

SECTION 16: OTHER INFORMATION (Continued)

16.4 **DISCLAIMER**

Envoy Solutions 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 Envoy Solutions as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Envoy Solutions 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. Envoy Solutions 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.

SECTION 3: 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.I.P.) and boiling point (BP) to classify flammable or combustible liquids. Class IA: F.I.P. below 73°F and BP below 100°F. Class IB: F.I.P. below 73°F and BP at or above 100°F. Class IC: F.I.P. at or above 73°F and BP at or above 100°F. Class II: F.I.P. at or above 100°F and below 140°F. Class IIIA: F.I.P. at or above 140°F and below 200°F. Class IIIB: F.I.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. 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. 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 assess 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. COD: Chemical Oxygen Demand. ThOD: Theoretical Oxygen Demand. TLM: Median Tolerance Limit.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this 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.