

# 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

- PRODUCT NAME: **Durafog HP Disinfectant Cleaner**

### 1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE

- RECOMMENDED USE: Cleaning and disinfecting.

### 1.1 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- MANUFACTURER/  
SUPPLIER: **Durafog**
- ADDRESS: 611 Rock Springs Rd, Escondido, CA 92025
- BUSINESS PHONE: (760)223-7110
- EMAIL: support@dura-fog.com
- WEBSITE: dura-fog.com

### 1.2 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.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

OSHA/HCS Status

**Product as SOLD**

Classification of the Substance or Mixture

Eye Damage/Irritation (Category 2A)

### 2.2 LABEL ELEMENTS:

ELEMENT

**Product as SOLD**

Hazard Pictograms



Signal Word

WARNING.

Hazard Statements

Causes serious eye irritation.

## SECTION 2: HAZARDS IDENTIFICATION (Continued)

### 2.2 LABEL ELEMENTS (Continued):

ELEMENT	<u>Product as SOLD</u>
<b>Precautionary Statements</b> <b>Prevention</b>	Keep out of reach of children. Wear eye/face protection. Wash hands thoroughly after handling.
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	See Section 7.
<b>Disposal</b>	See Section 13.

### 2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

- Not established.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCES/MIXTURES

CHEMICAL	CAS NUMBER	GHS HAZARD CLASSIFICATION FOR CHEMICAL	% (w/w)
Propylene Glycol n-Propyl Ether	1569-01-3	Flammable liquid (Category 3); Eye irritation (Category 2A)	7-13
Dodecylbenzene-sulfonic Acid	68584-22-5	Eye irritation (Category 2A)	5-10
Alcohols, C6-C12, ethoxylated	68439-45-2	Acute toxicity – Oral (Category 4); Eye damage (Category 1); Skin irritation (Category 2). (Aquatic Toxicity, Acute, 1)	1-5
Hydrogen Peroxide	7722-84-1	At the given concentration: Eye irritation (Category 2A)	1-5
Phosphoric Acid	7664-38-2	At the given concentration: Eye irritation (Category 2A)	1-5
Water	7732-18-5	Not classified as hazardous.	Balance

## 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.

## SECTION 4: FIRST AID MEASURES (Continued)

<b>Skin Contact</b>	Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.
<b>Inhalation</b>	Obtain fresh air.
<b>Ingestion</b>	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.
<b>Other Recommendations</b>	

### 4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- **ACUTE HEALTH EFFECTS:**

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

- **CHRONIC HEALTH EFFECTS:**

**Product as SOLD**  
None reported.

- **TARGET ORGANS:**

**Product as SOLD**  
Eyes.

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The following information is for **Product AS SOLD**

- **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

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

### 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.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- **NFPA FLAMMABILITY CLASSIFICATION:**

Classification  
NFPA Rating

Product as SOLD



NFPA Classification

Not flammable.

- **UNUSUAL HAZARDS IN FIRE SITUATIONS:**

Decomposition

Product as SOLD

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, as well as sulfur and phosphorus oxides.

Explosion Sensitivity to  
Mechanical Impact

Not applicable.

Explosion Sensitivity to  
Static Discharge

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 of the nature of this product, 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

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

### 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.

## SECTION 6: ACCIDENTAL RELEASE MEASURES (Continued)

- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials.

### 6.2 ENVIRONMENTAL PRECAUTIONS

- Avoid response actions that can cause a release of a significant amount of the substance 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.

#### Handling Practices

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

#### Storage Practices

#### Product as SOLD

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).

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:** Not established.

### 8.2 EXPOSURE CONTROLS

**Engineering Controls**  
**Respiratory Protection**

**Hand Protection**

**Eye Protection**

**Body Protection**

#### Product as SOLD

Use in well-ventilated environment.  
None needed in normal circumstances of use.

Standard chemical-resistant gloves used in janitorial work are recommended.

Safety glasses.

Standard protection used in janitorial service.

### 8.3 PERSONAL PROTECTION SYMBOLS

**Hand Protection**

**Eye/Face Protection**

**Body Protection**

#### Product as SOLD



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

	<u>Product as SOLD</u>
Appearance	Clear, colorless liquid.
Odor	Odorless
Odor Threshold	Not determined.
pH	> 2
Melting Point/Freezing Point	0°C (32°F)
Initial Boiling Point/Boiling Range	100°C (212°F)
Flash Point	Not applicable.
Evaporation Rate (Water = 1)	Not determined.
Flammability	Not applicable.
Upper/Lower Explosive Limits	Not applicable.
Vapor Pressure	Not determined.
Vapor Density	Not determined.
Relative Density	Approximately 1.00
Solubility	Not determined.
Partition Coefficient/n-octanol/water	Not determined.
Autoignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.

### 9.2 OTHER INFORMATION

- **WEIGHT% VOC:** Not determined.

## SECTION 10: STABILITY AND REACTIVITY

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

### 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 acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Oxygen gas, carbon dioxide, carbon monoxide, hydrocarbons, or organic compounds may be formed during thermal decomposition.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- **ACUTE TOXICITY:**

- **PRODUCT TOXICOLOGY DATA:** The following are calculated estimates for the product:
  - Acute Toxicity Estimate (Oral) > 2000 mg/kg
  - Acute Toxicity Estimate (Dermal) > 2000 mg/kg
  - Acute Toxicity Estimate (Inhalation) > 10 mg/L
- **COMPONENT TOXICITY DATA:** Acute Toxicity Estimate (Oral) The following data are available for the hazardous components in this product listed in Section 3 (Composition/Information on Ingredients).

**PROPYLENE GLYCOL N-PROPYL ETHER**

LD50 (oral, rat) = 2504 mg/kg  
LD50 (dermal, rabbit) = 3350 mg/kg

**DODECYLBENZENE-SULFONIC ACID**

LD50 (oral, rat) = 14500 mg/kg  
LD50 (dermal, rabbit) > 2000 mg/kg

**ALCOHOLS, C6-C12, ETHOXYLATED**

LD50 (oral, rat) = 5100 mg/kg  
LD50 (dermal, rabbit) = 1500 mg/kg  
LC50 (inhalation, rat) > 3.2 mg/L/1 hour

**HYDROGEN PEROXIDE**

LD50 (oral, rat) = 1193 mg/kg  
LD50 (Dermal, Rabbit) = 2000 mg/kg

**PHOSPHORIC ACID**

LD50 (oral, rat) = 1530 mg/kg  
LD50 (dermal, rabbit) = 2730 mg/kg  
LC50 (inhalation, rat) = 850 mg/m<sup>3</sup>/1 hour

- **DEGREE OF IRRITATION:** The concentrated product can cause serious damage to the eye disuse and is irritating to the skin. The dilution product can cause serious eye irritation. See Section 4 (First Aid Measures) for more details.
- **SENSITIZATION:** The components of this product are not reported to have skin or respiratory sensitization effects.
- **REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE:** See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.

See Section 4 (First-Aid Measures) for more details.

**Eyes**  
**Skin**

**Inhalation**

**Ingestion**

**Product as SOLD**

Causes serious eye irritation.  
May cause mild to moderate skin irritation.  
May be irritating to tissues of the respiratory system.  
May be irritating to tissues of the digestive system.

- **CHRONIC TOXICITY:**

- **CARCINOGENICITY STATUS:** The following table summarizes the carcinogenicity listing for the components of this product. "NO" indicates that the substance is not considered to be, or suspected to be, a carcinogen by the listed agency.

CHEMICAL	IARC	NTP	NIOSH	OSHA	OTHER
Propylene Glycol n-Propyl Ether	NO	NO	NO	NO	NO
Dodecylbenzene-sulfonic Acid	NO	NO	NO	NO	NO
Alcohols, C6-C12, ethoxylated	NO	NO	NO	NO	NO
Phosphoric Acid	NO	NO	NO	NO	NO
Hydrogen Peroxide	NO	NO	NO	NO	IARC -3; Unclassifiable as to Carcinogenicity. MAK-4: No significant contribution to human cancer risk is anticipated. TLV-A3: Confirmed Animal Carcinogen.



## SECTION 12: ECOLOGICAL INFORMATION

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

### 12.1 TOXICITY

- Based on the concentration of components, the product is classified as Aquatic Toxicity – Acute (Category 3).
- This product can be harmful to the aquatic environment, especially if large volumes are released into the environment.
- The following aquatic toxicity data are available for components of this product:

#### PHOSPHORIC ACID

LC50 fishes - 138 mg/L, (96 Hours)  
LC50 other aquatic organisms - 100 - 1000 mg/L (96 hours)  
LC50 fish - 100 - 1000 mg/L  
LC50 other aquatic organisms - 240 mg/L  
TLM fish - 138 ppm (24 hours, Gambusia affinis)  
Threshold limit other aquatic organisms - 100 – 1000 (96 hours, Protozoa)  
Threshold limit other aquatic organisms - 240 mg/L  
TLM fish -138 ppm (24 hours, Gambusia affinis)  
Threshold limit other aquatic organisms - 100 – 1000 (96 hours, Protozoa)  
Threshold limit other aquatic organisms - 240 mg/L

#### HYDROGEN PEROXIDE

LC50 Pimephales promelas – 10-32 mg/L (96 Hours)  
LC50 Oncorhynchus mykiss 18 – 56 mg/L (96 Hours)  
EC50 Static Daphniamagna 18 – 32 mg/L (48 hours)

#### DODECYLBENZENE-SULFONIC ACID

LC50 fishes – 1.67 mg/L, (96 Hours)  
LC50 algae/aquatic plants – 47.3 mg/L (72 hours)  
LC50 Crustacea – 2.4 mg/L (48 hours)

#### ALCOHOLS, C6-C12, ETHOXYLATED

LC50 Crustacea – 9.2 mg/L (48 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

- Not available.

### 12.5 OTHER ADVERSE EFFECTS

- None reported.

## SECTION 13: DISPOSAL CONSIDERATION

### 13.1 WASTE TREATMENT METHODS

#### Product as SOLD

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 of Product as SOLD.

## SECTION 14: TRANSPORT INFORMATION

### 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						

## SECTION 14: TRANSPORT INFORMATION (Continued)

- **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 THRESHOLD PLANNING QUANTITY:** Not applicable.
  - **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. TSCA INVENTORY STATUS:** All components are listed or exempted.
  - **U.S. SARA 313:** Not applicable to this product.
  - **CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS:** Not applicable.
- **INTERNATIONAL REGULATIONS**
  - **CANADIAN REGULATORY STATUS:** The **PRODUCT as SOLD** is classified as hazardous under Canadian Hazardous Products Regulations. The SDS contains all required information.
    - **WHMIS 2015:** See Section 2.
  - **CANADIAN DSL/NDL INVENTORY STATUS:** All components are listed or exempted.
  - **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITY SUBSTANCES LISTS:** No component is listed.

## SECTION 16: OTHER INFORMATION

### 16.1 KEY LITERATURE REFERENCES AND SOURCES FOR DATA

- TOXNET – <http://toxnet.nlm.nih.gov/>
- European Chemicals Inventory Classification and Listing: <http://echa.europa.eu>

## SECTION 16: OTHER INFORMATION

### 16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as SOLD		
Health	1	HMIS Personal Protective
Flammability	0	Equipment Rating:
Physical Hazard	0	Occupational Use situations:
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.

**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/m<sup>3</sup>: 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: LDxxor 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. TDxxor 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 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.