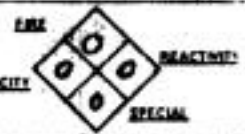


MATERIAL SAFETY DATA SHEET

HAZARD RATING
4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT



I. PRODUCT IDENTIFICATION

TRADE NAME: EDFRED GARAGE & DRIVEWAY CLEANER (12221)

MANUFACTURER: Edfred Chemical Corporation Phone: (408) 286-0493
639 Tully Rd., Bldg. D
San Jose, CA 95111 Date: 1/1/98

II. HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	%	Exposure Limits in Air	
			ACGIH TLV	OTHER
Monoethanolamine	27176870	16	N/A	N/A
Dodecylbenzene Sulfonate				
Nonylphenoxy Polyethyleneoxy Ethanol		16	N/A	N/A

III. PHYSICAL PROPERTIES

Evaporation Rate (Water 1): 1.0 Formula: Proprietary
Vapor pressure (mm Hg): < 0.1 Boiling Point, (°F): 212^{OP}
Specific Gravity (H₂O = 1): 1.020 Vapor Density (AIR = 1): 1
Solubility in Water: 100%
Appearance and Odor: Viscous Red Liquid - Citrus-like Odor

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point, (Method Used) None

Flammable Limits in Air, Volume %: N/A Lower (LEL) N/A Upper (UEL) N/A

Fire Extinguishing Materials:

X Water Spray Carbon Dioxide X Foam X Dry Chemical

Special Firefighting Procedures: None (Will not Support Combustion)

Unusual Fire and Explosion Hazards: None

V. REACTIVITY DATA

Stability: X Stable Unstable

Conditions to Avoid: Do Not Mix With Strong Oxidizers.

Incompatibility (Materials to Avoid): Oxidizing Agents

Hazardous Decomposition Products or Byproducts: None

Hazardous Polymerization: May Occur X Will Not Occur

Conditions to Avoid: None

VI. HEALTH HAZARD DATA

Routes of Entry: No Inhalation? X Skin? X Ingestion?

Signs and Symptoms of Exposure: Eye Contact: Redness, Irritation and Tearing

Skin Contact: Prolonged Contact may Cause Drying or Irritation.

Inhalation: None Ingestion: Will Cause Nausea and Vomiting.

Carcinogenicity: NTP? No IARC? No OSHA? No

Emergency and First Aid Procedures: Eyes & Skin: Flush Thoroughly with Water

for at Least Fifteen Minutes. If Irritation Persists, Consult Physician.

Ingestion: Never give Anything by Mouth to an Unconscious Person. If Ingested,

Follow with Large Quantities of Water, Induce Vomiting, Seek Medical Help.

Inhalation: N/A

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Collect Material with Absorbent.

Large Spills: Dike Area and Pump to Storage Vessel

Waste Disposal Method:

Material is Completely Biodegradable. Dispose of in Accordance with All Local,

State and Federal Regulations.

Precautions to be Taken in Handling and Storing:

Protect from Freezing.

Other Precautions: Keep out of Reach of Children.

VII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: None Required Protective Gloves: Rubber Suggested

Ventilation: Okay Local Exhaust No Mechanical No Special No Other

Eye Protection: Glasses or Goggles Other Protection: None