



Spectra Products Inc.



Section 1: Chemical Product and Company Identification

Part Number(s): ZT8R
Description: TERMIN-8R Extreme Lube, 400 g
Manufacturer / Supplier: Spectra Products Inc.
Address: 411 Horner Ave., Unit 2, Toronto, ON M8Z 4X4
Revision Date: 2014-04-01
Product Use: Corrosion inhibitor.
Chemical Family: Mixture

Section 2: Composition/Information on Ingredients

Component Name:	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
Mineral oil 64742-65-0	60-80	Inhalation LC50 Rat:2.18 mg/L 4h Dermal LD50 Rabbit:2000 mg/kg Oral LD50 Rat:5000 mg/kg	Not available	Not Available
Petroleum gases, liquified 68476-85-7	10-30	Not Available	= 1000 ppm TWA	Not Available
Kerosine (Petroleum), Hydrodesulfurized 64742-81-0	1-5	Dermal LD50 Rabbit:2000 mg/kg Inhalation LC50 Rat:5.2 mg/L 4h Oral LD50 Rat:5000 mg/kg	= 200 mg/m ³ TWA Skin - potential significant contribution to overall exposure by the cutaneous route	Not Available
Zinc dinonylnaphthalenesulfonate 28016-00-4	1-5	Not Available	Not available	Not Available
Calcium alkylnaphthalene sulfonate 57855-77-3	1-5	Not Available	Not available	Not Available
Distillates (Petroleum), Hydrotreated Light 64742-47-8	1-5	Dermal LD50 Rabbit:2000 mg/kg Inhalation LC50 Rat:5.2 mg/L 4h Oral LD50 Rat:5000 mg/kg	300 ppm	Not Available
Alcohol ethoxylate 84133-50-6	1-5	Not Available	Not available	Not Available

Section 3: Hazards Identification

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Inhalation: May cause mild respiratory irritation.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Chronic Effects: Prolonged or repeated exposure can result in drying of the skin, irritation and dermatitis.

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. Get immediate medical attention.
Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin Contact: Wipe excess from skin. Wash with soap and water.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Remove contact lenses if any after the initial flushing and then continue flushing.

Section 5: Fire Fighting Measures

Flash Point (°C): > 127
Flame Projection: > 45 cm. < 100 cm.
NFPA Classification: Aerosol, Level 1
Lower Explosive Limit: 1.0
Upper Explosive Limit: 6.0
Autoignition Temp. (°C): 229°C Based on kerosene

Sensitivity to Mechanical Impact:
Not Applicable.

Conditions of Flammability:
Combustible.

Sensitivity to Static Discharge:
Not Applicable.

Hazardous Combustion:
Hydrocarbon fumes and smoke.

Extinguishing Media:
Carbon Dioxide, dry chemicals, foam.

Section 6: Accidental Release Measures

Leak or Spill Procedures:
Remove sources of ignition. Absorb spilled material with an inert absorbent. Ventilate area. Do not allow this material to drain into sewers/water supplies.

Section 7: Handling and Storage

Handling Procedures:
Keep away from heat, spark, flame and other sources of ignition. Use good personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling.

Storage Requirements:
Keep away from heat, sparks and open flames. Keep containers tightly sealed when not in use. Keep out of the sun. Store at ambient temperatures.

Section 8: Exposure Controls / Personal Protection

Respiratory: Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.
Gloves: Chemical resistant gloves.
Eyewear: Safety glasses with side shields or chemical splash goggles or full face shield, as required.
Clothing: Not applicable.
Ventilation: General mechanical ventilation is not recommended as the sole means of controlling exposure. Local exhaust at points of emission. Make up air should always be supplied to balance air exhausted.
Other protective equipment: Sufficient clothing to prevent skin contact.

Section 9: Physical and Chemical Properties

Physical State: Aerosol
Color: Red
Odour: Characteristic
Vapour Density (Air=1): > 1
VOC %: 22.7
pH: Not Applicable
Solubility in Water: Not Available
Specific Gravity (H2O=1): 0.859
Viscosity: Not Available

Section 10: Stability and Reactivity

Conditions of Instability:
Stable at ambient temperatures and pressures.

Hazardous Polymerization:
Hazardous polymerization will not occur.

Hazardous Decomposition:
See hazardous combustion products.

Incompatible Materials:
Contact with oxidizing agents.

Conditions of Reactivity:
Avoid any source of ignition.

Section 11: Toxicological Information

Irritancy of Product:
May be mildly irritating to eyes and skin.

Sensitization to product:
Not available.

Carcinogenicity:
No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive Effects:
Not Available

Teratogenicity:
Not Available

Mutagenicity:
Not Available

Synergistic Products:
Not Available

Section 12: Ecological Information

Environmental: No data available for this product.
Biodegradability: No data available for this product.

Section 13: Disposal Considerations

Waste Disposal: Disposal should be made in accordance with federal, state and local regulations.

Section 14: Transportation Information

Road shipment: Aerosols, Class 2.1, UN1950
ERG #126

Marine shipment: UN1950, Aerosols, Class 2.1
EmS F-D, S-U.

Air Shipment: UN1950, Aerosols, flammable, Class 2.1
PI Y203/203.

Exemption: LTD QTY exemptions may be used if product is packaged in accordance with TDG, 49 CFR, the IMDG Code or the IATA regulations.

Section 15: Regulatory Information

WHMIS: A, B5, D2A

CEPA: All components are listed on the Domestic Substances List (DSL).

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16: Other Information

HMIS Rating: 113B
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