

5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770

Material Safety Data Sheet

Section 1 - Product Identification

Product Name: Vuldra 8575 Metalworking Coolant

Hazard Rating

| | | | | | |
|------------|----------|------------|------------|-----------|--|
| | Health | Fire | Reactivity | | |
| HMIS Code: | 1 | 1 | 0 | | |
| 0=Least | 1=Slight | 2=Moderate | 3=High | 4=Extreme | |

Section 2 - Hazardous Ingredients / Identity Information

| Specific Identity; Common Names | OSHA PEL | ACGIH TLV | Other |
|---|----------|-----------|-------|
| Proprietary Formula - Specific Chemical Identities Have Been Withheld | | | |
| 128-37-0 | | | |
| 2,6-Di-tert-butyl-p-cresol | - | - | |
| 9004-96-0 | | | |
| Poly(oxy-1,2-ethanediyl), a-[(9Z)-1-oxo-9-octadecenyl]-w-hydroxy- | - | - | |
| 61790-12-3 | | | |
| Fatty acids, tall-oil | - | - | |
| 55406-53-6 | | | |
| Carbamic acid, butyl-,3-iodo-2-propynyl ester | - | - | |
| 4500-29-2 | | | |
| Ethanol, 2,2'-(cyclohexylamino)bis- | - | - | |

Section 3 - Physical/Chemical Characteristics

| | |
|--------------------------|--------------|
| Appearance | Amber liquid |
| Boiling Point, Deg. F | Not Known |
| Evaporation, BuAcetate=1 | Slower than |
| Odor | Mild |
| pH Diluted in water | 9.1-9.5(5%) |
| Solubility in water | Emulsifies |
| Vapor Density (Air=1) | Not Known |
| Vapor Pressure | Not Known |
| Pounds per Gallon | 8.103 |
| Specific Gravity | 0.973 |

Section 4 - Fire and Explosion Hazard Data

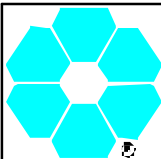
Flash Point COC: >300F Flammable Limits: LEL-Not Known UEL-Not Known

Extinguishing Media: Foam, dry chemical, water fog, carbon dioxide. Do not use a direct stream of water.

Special Fire Fighting Procedures: Cool fire exposed containers with water. Do not enter a confined fire space without full bunker gear and NIOSH approved supplied air breathing apparatus.

Unusual Fire and Explosion Hazards: Not Applicable

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Section 5 - Reactivity Data

Stability - Stable.

Incompatibility - Strong acids. Strong bases. Dehydrating agents. OH-reactive compounds. Oxidizing agents. Reactive Metals. Strong reducing agents.

Hazardous Decomposition Products - Aldehydes. Iodine vapors. Organic compounds.

Oxides of carbon. Oxides of nitrogen.

Hazardous Polymerization - Will not occur.

Other - Not Applicable.

Section 6 - Health Hazard Data

Routes of Entry: Inhalation=yes Skin=yes Ingestion=yes

Health Hazards :

The health hazards listed below are for components to this mixture. The active ingredients are diluted in vegetable oil in this mixture and the severity of the listed health hazards for this product may be reduced. This product is designed to be diluted significantly with water before product use. The severity of these health hazards may be reduced further at usage concentrations. (Acute and Chronic Overexposure)

Eyes - Severe irritation. Component may cause eye tissue injury and result in permanent damage.

Skin - Severe irritation.

Prolonged and repeated contact can defat the skin which may result in dryness, dermatitis, and cracking of the skin.

Persons sensitized by contact with rosin may develop an allergic reaction.

Inhalation - May be harmful if inhaled. Vapors may cause irritation.

Ingestion - Component is considered moderately toxic by ingestion. Diarrhea. Gastrointestinal irritation. Harmful if swallowed. Large amounts may have CNS effects. Nausea. Vomiting.

Pulmonary aspiration hazard if swallowed and vomiting occurs.

Signs And Symptoms of Exposure - As Noted Above.

Medical Conditions Generally Aggravated By Exposure - Eye disease.

Other Precautions - NA

Other - Target Organs: Eyes. Liver or the hepatic system.

Carcinogenicity NTP-No IARC-No OSHA-No

Emergency and First Aid Procedures:

Eye Contact: Flush thoroughly with water. If irritation persists, call a physician.

Skin Contact: Wash contact areas with soap and water.

Inhalation: Remove from further exposure. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, use mouth to mouth resuscitation.

Ingestion: Not expected to be a problem. However, if greater than 1/2 liter (pint) is ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance.

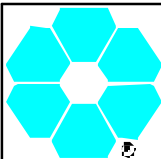
Do not give anything by mouth to an unconscious person.

Section 7 - Precautions for Safe Handling and Use

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

Dike area. Recover free product. Add a dry absorbent material to spill

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area.

Waste Disposal Method: Dispose by methods consistent with local state and federal regulations.

Precautions to be Taken in Handling and Storing: Keep containers tightly closed. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. To dissipate static electricity during transfer, ground and/or bond both containers. Since emptied containers retain product residue, follow warnings even after container is emptied. Residue or vapors may ignite; do not cut, drill, grind or weld on or near container even when empty.

Other Precautions:
Not Applicable

Section 8 - Control Measures

Respiratory Protection: Not normally required. Use NIOSH approved supplied air breathing equipment if vapors are excessive.

Ventilation: Local Exhaust : Not normally required.
Mechanical (General): Use general ventilation.

Protective Gloves: Use chemical-resistant gloves, if needed, to avoid skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Clothing or Equipment: To prevent repeated or prolonged skin contact, wear impervious apron/clothing and boots.

Work/Hygienic Practices: Minimize breathing vapor, mist or fumes. Wash skin with soap and water after contact. Launder contaminated clothing.

Section 9 - Regulatory Information

DOT Information

DOT Proper Shipping Name: None

DOT Hazard Code: None

UN Number: None

TSCA

All components of this product are included in the TSCA inventory or are regulated under FIFRA.

Section 311/312 Information:

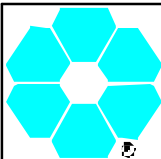
| CAS# | Chemical Name | Hazard/s |
|------------|--|----------|
| 00128-37-0 | 2,6-Di-tert-butyl-p-cresol | acute |
| 09004-96-0 | Poly(oxy,1,2-ethanediyl),a-[(9Z)-1-oxo-9-octadecenyl]-w-hydroxy- | acute |
| 61790-12-3 | Fatty acids, tall-oil | acute |
| 55406-53-6 | Carbamic acid,butyl-,3-iodo-2-propynyl ester | acute |
| 04500-29-2 | Ethanol,2,2'-(cyclohexylamino)bis- | acute |

Section 313 Supplier Notification

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community RightTo-Know Act of 1986 (40 CFR 372):

| CAS# | Common Name | Weight% |
|------|-------------|---------|
|------|-------------|---------|

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**COOLANT
CONTROL**

Product Code: VULDRA8575

Revision Date: 04/27/2010

Revised By: MSDS Dept.

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This information should be included in all MSDSs that are copied and distributed for this material.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by Coolant Control Inc.

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End of MSDS