



## MATERIAL SAFETY DATA SHEETS (MSDS) On-Line OSHA-Required Health And Safety Information!

### Section 1

#### MATERIAL SAFETY DATA SHEET # 43

#### Hercules Clear Cutting Oil

Date Prepared: 25-Jun-90

Last Reviewed: 24-Mar-94

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Meets OSHA 29 CFR 1910.1200

### Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	% Upper Bound Limits if SARA Reportable
Petroleum-based lubricating oils (64742-52-5)	5mg/M <sup>3</sup> (as oil mist)	5mg/M <sup>3</sup> (as oil mist)	N/A	--
Petroleum-based lubricating oils (64742-53-6)	5mg/M <sup>3</sup> (as oil mist)	5mg/M <sup>3</sup> (as oil mist)	N/A	--

HMIS Hazard Rating: Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: A

### Section 3 - Physical/Chemical Characteristics

Boiling Point (°F): 465-900°F	Specific Gravity (H <sub>2</sub> O=1): At 25 °C .906	Vapor Density (Air=1): > 8	Vapor Pressure (mm Hg): At 38 °C(100 °F) < 0.1
Melting Point (°F): N/A	Evaporation Rate (Butyl Acetate=1):	Solubility in Water:	
Appearance And Color: Light amber liquid		Soluble	
		Odor: petroleum odor	

### Section 4 - Fire And Explosion Hazard Data

<b>Flash Point:</b>	<b>Flammable Limits:</b>	<b>LEL:</b>	<b>UEL:</b>
320 °F (COC)		1%	6%

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, Foam. Use water to keep fire-exposed containers cool.

**Special Firefighting Procedures:**

Recommend SCBA (Self-Contained Breathing Apparatus) when fire fighting in confined spaces. Minimize breathing gases, vapor, fumes, or decomposition products. Water froth may be used to flush spills away from exposure.

**Unusual Fire And Explosion Hazards:**

None

### Section 5 - Reactivity Data

<b>Stability:</b> Stable	<b>Conditions To Avoid:</b> Open flames, sparks, ignition sources
<b>Incompatibility (Materials To Avoid):</b>	Strong oxidizers such as liquid chlorine, sodium or calcium hypochlorite, and pure oxygen.
<b>Hazardous Decomposition:</b>	Carbon monoxide, oxides of sulfur and other decomposition products may form upon incomplete combustion.
<b>Hazardous Polymerization:</b>	Will Not Occur

### Section 6 - Health Hazard Data

**Routes of Entry:**      **Inhalation?** YES/Primary    **Skin?** YES/Primary      **Ingestion?** YES/Secondary

**Health Hazards:**

Product has a low order of oral and dermal toxicity. Possible aspiration hazard. Induced vomiting may cause aspiration of product into lungs.

**Carcinogenicity:**      **NTP?** NO                                      **IARC?** NO                                      **OSHA Regulated?** NO

**Signs And Symptoms of Exposure:**

**SKIN CONTACT:** Moderate irritant and skin defatter. **EYE CONTACT:** Mild (transient) irritant. Prolonged or repeated skin contact with product tends to remove skin oils possibly leading to irritation and dermatitis, however based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria. **VARIABILITY AMONG INDIVIDUALS:** Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which vary from person to person. As a precaution, exposure to liquids, vapors, mist or fumes should be minimized.

**Medical Conditions Generally Aggravated By Exposure:**

None known

**Emergency And First Aid Procedures:**

**INHALATION:** Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove to fresh air if not breathing. Get medical attention. **INGESTION:** Do not induce vomiting. Get medical attention. **SKIN CONTACT:** Wash skin thoroughly with soap and water and remove contaminated clothing. **EYE CONTACT:** Flush with plenty of water for 15 minutes or until irritation subsides. If irritation persists, get medical attention.

### Section 7 - Precautions For Safe Handling And Use:

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Handle as an oil spill. Use oil absorbing material. Sweep and scoop up and remove. Prevent spread of spill. Keep product from sewers and water courses by diking, etc. Advise authorities if product has entered or may enter sewer, water courses, or extensive land areas. Assure conformity with local regulations.

**Waste Disposal Method:**

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal site or facility.

**Precautions To Be Taken In Handling And Storing:**

No special precautions needed normally. However, avoid breathing oil mist and excessive skin contact.

**Other Precautions:**

None

**Section 8 - Control Measures:**

<b>Respiratory Protection:</b>	If possibility of oil mists exists, use NIOSH approved mask for oil mists.			
<b>Ventilation:</b>	<b>Local Exhaust?</b>	<b>As needed to maintain compliance with</b>	<b>Special?</b>	<b>None</b>
	<b>Mechanical:</b>	TLV.	<b>Other:</b>	<b>None</b>
		N/A		
<b>Gloves:</b>	Rubber gloves - Oil resistant.			
<b>Eye Protection:</b>	Goggles if oil is being sprayed or splashed.			
<b>Other Protective Clothing:</b>	Gloves if prolonged skin contact cannot be avoided.			
<b>Work/Hygienic Practices:</b>	Wash thoroughly after handling. Minimize breathing of vapor mist, fumes. Remove contaminated clothing, launder or dry clean.			

**Additional Information:**

**DOT B/L Description:** Lubricating Oil NOI

**DOT Hazard Class Information:** N/A

**NJ Right-To-Know Labeling Information:**

Label must state all ingredients in Section 2 plus Trade Secret Registration Numbers (TSR's) 313-48300-None - All required ingredients disclosures shown in section 2 above..

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