

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 44 *Hercules Dark Cutting Oil*



MATERIAL SAFETY INFORMATION SERVICE

Hercules Chemical Company Inc.
 111 South Street
 Passaic NJ 07055
 Phone (800) 221-9330
 Fax (800) 333-3456

Date Prepared: 6/25/1990 Last Reviewed: 12/17/2001

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 Limit if SARA Reportable
Petroleum-based lubricating oils (64742-52-5)	5 mg/M ³	5 mg/M ³ (as oil	N/A	--
Petroleum-based lubricating oils (64742-53-6)	5 mg/M ³	5 mg/M ³	N/A	--

HMIS Hazard Rating: 1 1 0 A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C): 465-900° F	Specific Gravity (H ₂ 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) < 1.0	Solubility in Water: Insoluble	
Appearance And Color: Dark Brownish Amber Liquid		Odor: Petroleum odor	

Section 4 - Fire And Explosion Hazard Data

Flash Point: 320° F (COC)	Flammable Limits: N/A	LEL: 1%	UEL: 6%
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Extinguishing Media: Dry chemical, CO₂, Foam. Use water to keep fire-exposed containers cool.

Special Firefighting Procedures:

Recommend supplied air breathing gear 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

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Open flames, sparks, ignition sources.

Incompatibility (Materials To Avoid): Strong oxidizers such as liquid chlorine, sodium or calcium hypochlorite, and pure oxygen.

Hazardous Decomposition: Carbon monoxide, oxides of sulfur and other decomposition products may form upon incomplete combustion.

Hazardous Polymerization: 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.

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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:**Respiratory Protection:**

If possibility of oil mists exists, use NIOSH approved mask for oil mists.

Ventilation: Local Exhaust As needed to maintain compliance with TLV **Special** None
Mechanical N/A

Gloves: Rubber gloves - Oil resistant.

Other: N/A

Eye Protection: Goggles if oil is being sprayed or splashed.

Other Protective Clothing: Gloves if prolonged skin contact cannot be avoided.

Work/Hygienic Practices Wash thoroughly after handling. Minimize breathing of vapor mist, fumes. Remove contaminated clothing, launder or dry clean.



FACTS
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For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.