

Emulsichem Lubricants Pvt. Ltd.

MATERIAL SAFETY DATA SHEET

Product Identification

Trade Name : Metalfin-70
Synonyms : Neat Type Heavy Duty Cutting Oil

Product Ingredients

Material or Agent : Neat Type Heavy Duty Cutting Oil
Toxicity : Non toxic

Chemical & Physical Data

Boiling Point : 360°C & above
Density @ 25°C : 0.86 ± 0.02
Viscosity @ 40°C : 45 ± 5
Percent volatiles by volume : Nil
Appearance & Odour : Clear amber red & odourless
Physical State : Liquid
Melting Point : NA
Vapour Pressure : NA
Solubility in water % by wt. : Water-Insoluble
Evaporation Rate : No evaporation at room temp.
pH Factor : NA

Fire and Explosion Data

Flash Point : 160°C ± 5°C
Autoignition Temperature : NA
Flammable limits in air % by vol. : NA
Extinguishing Media : 1) Chemical foam type
2) Dry powder type
3) Mechanical foam type
4) Carbon dioxide type
Specific Fire and Explosion Hazard : NA

Health Hazard Information

Health Hazard Data
Routes of Exposure
Inhalation : Nil
Skin Contact : Nil
Skin Absorption : Nil
Eye Contact : Wash with soapy water first and then with plain water
Ingestion : Harmful-Consult doctor immediately

Effects of Overexposure
Acute Overexposure : Wash with plain water
Chronic Overexposure : Wash with plain water

Emergency and First Aid Procedures

Eye : Wash with plain water
Skin : Wash with plain water
Inhalation : NA
Ingestion : Harmful-Consult doctor immediately
Notes to Physician : Physician may be informed the details of this product.

Reactivity Data

Compatibility with other oils : Not compatible
Hazardous decomposition products : Nil
Conditions contributing to Hazardous Polymerization : Nil

Spill or Leak Procedures

Steps to be taken if material is released or spilled	: Wipe with cloth & wash with water.
Neutralizing Chemicals	: Effluent treatment with conc. HCL acid and neutralizing by lime.
Waste Disposal Method	: Effluent treatment plant with acidifying & neutralize with lime.

Special Protection

Ventilation Requirements	: Sufficient ventilation may be provided at the place of operation.
Specific Personal Protective Equipments	
Respiratory	: Nil
Eye	: Nil
Gloves	: Nil
Other Clothing and Equipment	: No special clothing or equipment is required.

Special Precautions

Precautionary Measures:

- 1) If it comes in contact with eye or skin wash with plain water.
- 2) In case of skin irritation, use Kerodex Barrier Cream before work begins and wash with a soap solution after work.

Other Handling and Storage Requirements:

- 1) Store in shed.
- 2) Protect oil drums from sun, rain & fire.
- 3) Shake before use.
- 4) Keep sufficient ventilation.

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