# Emulsichem Lubricants Pvt. Ltd.

## MATERIAL SAFETY DATA SHEET

#### **Product Identification**

Trade Name : Metalfin-40 : General Purpose Neat Type Straight Cutting Oil Synonyms

#### **Product Ingredients**

: Neat Type Straight Cutting Oil Material or Agent : Non toxic Toxicity

## **Chemical & Physical Data**

Boiling Point	: 360°C & above
Viscosity @ 40°C	: 18 ± 4
Density @ 25°C	: 0.86 ± 0.02
Vapour Density	: NA
Percent volatiles by volume	: Nil
Appearance & Odour	: Clear, amber red & odurless
Physical State	: Liquid
Melting Point	: NA
Vapor Pressure	: NA
Solubility in water % by wt.	: Water insoluble
Evaporation Rate	: No evaporation at room temp.
pH Factor	: NA
Fire and Explosion Data	

#### Fire and Explosion Data FI

: 160°C ± 5°C
: NA
: NA
: 1) Chemical foam type
2) Dry powder type
3) Mechanical foam type
4) Carbon dioxide type

Specific Fire and Explosion Hazard : NA

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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 Chronic Overexposure	: Wash with plain water : Wash with plain water
Emergency and First Aid Procedures Eye Skin Inhalation Ingestion	: Wash with plain water : Wash with plain water : NA : Harmful-Consult doctor immediately
Notes to Physician	: Physician may be informed the details of this product.

### **Reactivity Data**



Compatibility with other oils Hazardous decomposition products : Nil Conditions contributing to Hazardous Polymerization

: Not compatible : 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	· Sufficient ventilation may be provided

Ventilation Requirements : Sufficient ventilation may be provided at the place of operation. Specific Personal Protective Equipments

Respiratory	: Níl
Eye	: Nil
Gloves	: Nil
Other Clothing and Equipment	: No s
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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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