

Emulsichem Lubricants Pvt. Ltd.

MATERIAL SAFETY DATA SHEET**Product Identification****Trade Name** : Metalfin-LV**Synonyms** : Neat Type Super Finishing Cutting Oil**Product Ingredients****Material or Agent** : Neat Type Super Finishing Cutting Oil**Toxicity** : Non toxic**Chemical & Physical Data****Boiling Point** : 360°C & above**Viscosity @ 40°C** : 7 ± 2**Density @ 25°C** : 0.83 ± 0.02**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** : 110°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** : Nil**Hazardous Polymerization**

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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