

Emulsichem Lubricants Pvt. Ltd.

MATERIAL SAFETY DATA SHEET

Product Identification

Trade Name : Metalform RN-200
Synonyms : Water washable Forming & Drawing oil

Product Ingredients

Material or Agent : Water washable Forming & Drawing oil
Toxicity : Non toxic

Chemical & Physical Data

Boiling Point : 150°C & above
Specific Gravity : 1.000 ± 0.002
Vapour Density : NA
Percent volatiles by volume : Nil
Appearance & Odour : Golden yellow
Physical State : Liquid
Melting Point : NA
Vapour Pressure : NA
Solubility in water % by wt. : Water soluble
Evaporation Rate : No evaporation at room temp.
pH of 5% solution : NA

Fire and Explosion Data

Flash Point : 160°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 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	: Use of safety goggles recommended.
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.
- 5) Add oil to water in recommended proportions.

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