# Emulsichem Lubricants Pvt. Ltd.

# MATERIAL SAFETY DATA SHEET

## **Product Identification**

Trade Name: Emulkut-1240Synonyms: Water Soluble Deoiling & Degreasing Solution

# Product Ingredients

Material or Agent	: Water Soluble Deoiling &
-	Degreasing Solution
Toxicity	: Non toxic

# **Chemical & Physical Data**

Boiling Point	: 150°C & above
Density @ 25°C	: 0.98 ± 0.02
Ther. stability @ 50°C± 2 for 15hrs.	: Remains homogenous
Freezing test @ 0°C± 2 for 15hrs	: Remains homogenous
pH of 5% Solution	: 9.2 ± 0.2
Percent volatiles by volume	: Nil
Appearance & Odour	: Clear Golden
Physical State	: Liquid
Melting Point	: NA
Vapour Pressure	: NA
Solubility in water % by wt.	: Water soluble
Evaporation Rate	: No evaporation at room temp.

# Fire and Explosion Data

Flash Point	: NA
Autoignition Temperature	: NA
Flammable limits in air % by vol.	: NA
Extinguishing Media	<ul> <li>1) Chemical foam type</li> <li>2) Dry powder type</li> <li>3) Mechanical foam type</li> <li>4) Carbon dioxide type</li> </ul>
Specific Fire and Explosion Hazard	: NA

# Health Hazard Information

Hazardous Polymerization

Health Hazard Data Routes of Exposure Inhalation Skin Contact Skin Absorption Eye Contact Ingestion	: Nil : Nil : Nil : Wash with plain water : 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 Inhalation Ingestion Notes to Physician	<ul> <li>Wash with plain water</li> <li>NA</li> <li>Harmful-Consult doctor immediately</li> <li>Physician may be informed the details of this product.</li> </ul>
<b>Reactivity Data</b> Compatibility with other oils Hazardous decomposition products Conditions contributing to	: Not compatible : Nil : 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 i required.

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## **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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