Emulsichem Lubricants Pvt. Ltd.

MATERIAL SAFETY DATA SHEET

Product Identification

Trade Name : Hygem-32Synonyms : Hydraulic Oil

Product Ingredients

Material or Agent : Hydraulic Oil Toxicity : Non toxic

Chemical & Physical Data

Boiling Point : 400° C & above Specific Gravity : 0.88 ± 0.002

Vapour Density : NA Viscosity @ 40° C : 29 ± 5

Extreme Pressure Value : Load value above 500 kg.

Percent volatiles by volume : Nil

Appearance & Odour : Bright yellow & 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 : 205 ± 10 Autoignition Temperature : NA Flammable limits in air % by vol. : NA

Extinguishing Media : 1) Chemical foam type 2) Dry powder type

3) Mechanical foam type4) 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.
: Effluent treatment plant with

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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