

SAFETY DATA SHEET

FS Hydraulic Oils

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

* PRODUCT NAME: Food Safe Hydraulic Oils
* Application: Hydraulic oil grades 32,46,68
* COMPANY: Global Lubricants Limited
* ADDRESS: 13 Sandwell Business Development Cntr, Oldbury Rd, Smethwick, West Mids B66 1NN
* EMERGENCY TELEPHONES: + 44 (0) 121 544 3638
* FAX: + 44 (0) 121 544 6505

2. COMPOSITION/INFORMATION ON INGREDIENTS

* Composition: Blend of highly refined oils with packaged additive system containing anti-wear, anti-oxidant and corrosion inhibiting characteristics.

3. HAZARDS IDENTIFICATION

This product is not classed as hazardous under current UK Health & Safety and Environmental legislation when used in the Application for which it is intended.

4. FIRST AID MEASURES

* SKIN CONTACT: Wash thoroughly with soap and water.
* EYE CONTACT: Flush eyes thoroughly with copious amounts of water, until irritation subsides. If irritation persists obtain medical attention.
* INHALATION: Remove to fresh air. If effects persist, seek medical advice.
* INGESTION: Do not induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet.
* PRESSURE INJECTION: Always obtain immediate medical attention even though the injury may appear minor.

5. FIRE FIGHTING MEASURES

* EXTINGUISHING MEDIA: Dry Powder & CO². Use water fog to cool fire exposed surfaces.
* SPECIAL FIRE FIGHTING PROCEDURES:
* UNUSUAL FIRE & EXPLOSION HAZARDS:
* PRODUCTS OF COMBUSTION: Treat as Mineral Oil.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Contain in spill area and scrape up. Prevent entry into drains, sewers and watercourses.

7. HANDLING AND STORAGE

* USAGE PRECAUTIONS: Keep containers closed when not in use. Prevent slip hazards.
* STORAGE PRECAUTIONS: Keep at storage temperature 0-40°C

PRODUCT: FS Hydraulic

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| <u>OCCUPATIONAL EXPOSURE LIMITS:</u> | <u>Substance</u> | <u>8-hour TWA</u> | <u>STEL</u> | <u>Source/other information</u> |
|--------------------------------------|------------------|--------------------|---------------------|---------------------------------|
| | Mineral Oil | 5mg/m ³ | 10mg/m ³ | EH 40 |

* ENGINEERING CONTROL: Local exhaust ventilation is recommended when excessive product misting occurs.

* PROTECTIVE EQUIPMENT: Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.

9. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE; Colourless
ODOUR: None
RELATED DENSITY (@20°C): 0.885 – 0.863
FLASHPOINT (CLOSED CUP)°C: 195°C
FLAMMABILITY LIMIT (in air % by volume):
WATER SOLUBILITY: POOR
FAT SOLUBILITY: GOOD
BOILING POINT (°c): N/A
POUR MELTING POINT (°C): - 10
KINEMATIC VISCOSITY 40°C(mm²s-1): 32,46,68

10. STABILITY AND REACTIVITY

* MATERIAL TO AVOID: Strong oxidising agents

* CONDITIONS TO AVOID:

* HAZARDOUS DECOMPOSITION PRODUCTS:

Irritant fumes. DO NOT breathe products of decomposition.

* STABILITY: Stable, will not polymerise

11 TOXICOLOGICAL INFORMATION

* HEALTH WARNINGS: Treat as Mineral Oil

* Skin contact: Unlikely to cause harm on brief or occasional contact.

* Eye contact: May cause transient irritation.

* Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

* Ingestion: May cause nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

* DEGRADABILITY: <50% (CEC 1-33-T82). Mineral Oils are inherently but not readily biodegradable.

* ACUTE FISH TOXICITY: No information available

* WATER HAZARD CLASSIFICATION:

13. DISPOSAL CONSIDERATIONS

* DISPOSAL METHODS: According to Environmental Protection act 1990 Section 34(7). Use a licensed waste disposal company.

PRODUCT: FS Hydraulic

14. TRANSPORT INFORMATION

Road: NOT APPLICABLE
UN N°:
CEFIC TEC(R) N°:
AIR:
UN N°:
SEA:
UN N°:
IMDG Page N°:

15. REGULATORY INFORMATION

* LABEL FOR SUPPLY: none
* RISK PHRASES: Not classed as flammable
* SAFETY PHRASES: None
* UK REGULATORY REFERENCES: Control of substances hazardous to health regulations 1988
Chemicals (hazard information & Packing regulations 1993)

16. OTHER INFORMATION

* INGREDIENTS TO BE DECLARED: None

The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:

- EH 40 - Occupational exposure limits
- EH 58 - The carcinogenicity of mineral oils
- SHW 367 - Dermatitis cautionary notice
- SHW 397 - Effects of mineral oil on the skin

ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.

REVISED 17/12/2012