

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

NAME OF MANUFACTURER/SUPPLIER:

FUCHS LUBRICANTS (UK) PLC

Sheet 1 of 4

Revision Number

5

Last revision

12 February 2006

Issue date

14/03/2006

ADDRESS:

New Century Street, Hanley, Stoke-on-Trent ST1 5HU

Business Telephone: 00701 200400 Fax: 01782
202672

PRODUCT NAME:

Product Code: 1393

**FLUID FORCE RED 2000
(HYD 2000)**

APPLICATION:

Supplied for Hydrovane compressor applications

2. COMPOSITIONAL INFORMATION:

Comprises a blend of highly refined mineral oils and multifunctional additives.

Hazardous Ingredient	Risk codes	CAS Number	EEC Number	% range
Highly refined mineral oil	OEL assigned	074869-22-0	278-012-2	80-85%
Amine reaction product	N: R51/53	068411-46-1	270-128-1	<1%
Organic phosphate	XI: R36/38; N: R51/53	080938-82-4	270-832-6	<1%
Branched alkyl esters	N: R51/53	125843-81-0		<1%

3. HAZARDS IDENTIFICATION:

The product is not dangerous when handled with care and according to its determined use. Skin irritation is possible, however, due to prolonged direct exposure.

Special hazards of product after use: None if used for the intended purpose.

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4. FIRST AID MEASURES:

Eyes: Wash immediately with copious amounts of water/eyewash, holding the eyelids open. Obtain treatment by a Doctor if symptoms persist.

Skin: Wash skin with soap and water. Wash at intervals dictated by good standards of industrial hygiene.

Inhalation: Remove to fresh air. If effects persist, seek treatment by a Doctor.

Ingestion: DO NOT INDUCE VOMITING. Wash mouth out with water. Obtain immediate treatment by a Doctor and provide a copy of this sheet.

Pressure injection: ALWAYS OBTAIN IMMEDIATE MEDICAL ATTENTION EVEN THOUGH THE INJURY MAY APPEAR MINOR.

5. FIRE FIGHTING MEASURES

Flammability: Combustible

Flash point (°C, PMCC): 185

Extinguishing media: Use foam, dry powder, CO₂. Never use water.

Products of combustion: Oxides of carbon together with dense smoke

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions: Good standards of industrial hygiene are recommended for use of this product.

Environmental precautions: Prevent liquid entering land, sewers, drains or water courses.

Decontamination: Absorb in earth or sand or other suitable material. Transfer to suitable and labelled containers for subsequent disposal.

7. HANDLING AND STORAGE.

Keep containers tightly closed. Store under cover. Compatible with most common metals; may soften certain rubbers - use resistant seals. A bunded area may be required.

Storage temperature: < 60

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Occupational exposure limits	Substance	LTCL	STEL	Source/other information
	Mineral oil (mist)	5mg/m ³	10mg/m ³	EH40(UK)

Engineering control measures Local exhaust ventilation is recommended when excessive product misting occurs.

Personal protection Select PPE appropriate for the product properties/operations taking place. No eating, drinking or smoking in the work area. Wash before breaks and at end of shift/day. Do not keep contaminated cloths in pockets. Launder coveralls at regular intervals.

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14. TRANSPORT INFORMATION

Classification for transport: Not classified for transport

Shipping name: n.a.

UN number: n.a.

Packing Group: n.a.

UN Class: n.a.

Marine pollutant: No

ADR/RID: n.a.

EmS number:

ICAO/IATA: n.a.

MFAG number:

15. REGULATORY INFORMATION

Hazard label data Not classified as hazardous for supply.

R S Phrases None assigned.

None assigned.

EC Directives Framework waste directive, 91/156/EEC Waste oil directive, 87/101/EEC

Statutory Information HASWA. Control Of Substances Hazardous to Health Regulations. Chemicals (Hazard Information and Packaging) Regs., as amended (CHIP3), Environmental Protection Act. Waste Management Duty of Care Regs. Special Waste Regs.

European Waste Catalogue No: 13 01 07

16. OTHER INFORMATION

The data and advice given apply when the product is sold for the stated application(s). The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

Approved Codes of Practice

Guidance notes

Guidance Note EH 40. "Occupational Exposure Limits" Guidance Note EH 58. "The Carcinogenicity of Mineral Oils" IND (G) 165-169: Metalworking fluids. SHW 397 Effects of Mineral Oil on the Skin. MS/B/5 "Skin cancer caused by oil" MS 24: Health surveillance