

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

NAME OF MANUFACTURER/SUPPLIER:

**FUCHS LUBRICANTS (UK) PLC**

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Revision Number

3

Last revision

29 August 2000

Issue date

06/04/01

**ADDRESS:**

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

Business Telephone: 08701 200400 Fax: 01782  
202072

**PRODUCT NAME:**

Product Code: V235

**RENOLIT COPPER PASTE**

**APPLICATION:**

Supplied as a lubricating grease for use in suitable lubricating systems only

## 2. COMPOSITIONAL INFORMATION:

Comprises a blend of highly refined mineral oils with metallic copper and multifunctional additives, thickened by bentonite clay

## 3. HAZARDS IDENTIFICATION:

Not classified as hazardous under current UK Health, Safety and Environmental legislation when used in the intended application.

Special hazards of  
product after use:

The risk of skin disorders may increase if the product becomes contaminated

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**4. FIRST AID MEASURES:**

Eyes: Hold eyes open for at least 15 minutes under running water. Obtain immediate medical attention.

Skin: No immediate action is necessary. Wash at intervals dictated by good standards of industrial hygiene

Inhalation: Remove to fresh air. If effects persist, seek medical advice

Ingestion: DO NOT INDUCE VOMITING. Wash mouth out with water.

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

**5. FIRE FIGHTING MEASURES**

Flammability: Combustible

Flash point (°C,PMCC): >150(base oil)

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

Products of combustion: Carbon dioxide, carbon monoxide together with dense smoke

**6. ACCIDENTAL RELEASE MEASURES.**

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

Environmental precautions: Do not allow the area to remain slippery with product residues. Do not allow spilled product to enter sewers or open water

Decontamination: Contain and absorb with inert material.Shovel to disposal. In case of spillage on water contain by a boom and collect by skimming or absorption.

**7. HANDLING AND STORAGE.**

Keep containers tightly closed. Store under cover. Keep away from food and drink. Compatible with most common metals; may soften certain rubbers - use resistant seals. Avoid sources of ignition. A bunded area may be required.

Storage temperature: Ambient

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

Occupational exposure limits	Substance	LTEL	STEL	Source/other information
	Severely refined mineral oil, (mist)	5mg/m <sup>3</sup>	n/a	Occupational Exposure Limits (EH40)
Engineering control measures	Local exhaust ventilation is not anticipated necessary for the use of this product			
Personal protection	Good standards of industrial hygiene are recommended for use of this product Suitable barrier creams may be helpful when prolonged and repeated contact with the product is likely			

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Copper coloured gel	Odour:	mild
Specific gravity @ 15.6°C:	~0.9	pH:	Not applicable.
Vapour pressure (mm Hg)@ 20°C:	<0.01	Vapour density (air=1)	> 1
Boiling point (°C):		Pour point/Melting point (°	Non-melt
Flash point (°C, PMCC):	>150(base oil)	Autoignition temperature, °	
Flammability limit in air, % by volume:	LEL:	UEL:	
Volatile organic compounds, %:			
Kinematic viscosity(cSt) @ 40°C:			
Solubility:	Insoluble in water. Soluble in petroleum solvents.		

PLEASE NOTE: THESE PROPERTIES ARE FOR GUIDANCE ONLY. THEY DO NOT CONSTITUTE A SPECIFICATION

**10. STABILITY AND REACTIVITY**

Stability:	The product is stable and not subject to polymerisation
Conditions to avoid:	Incompatible with strong oxidising agents
Materials to avoid:	Avoid exposure to extreme heat.
Hazardous decomposition products:	Oxides of carbon and water vapour with unidentified organic compounds. dense, white, irritating smoke.

**11. TOXICOLOGICAL INFORMATION**

The following toxicological assessment is based on a knowledge of the toxicity of the product's components

Estimated oral LD50 Rat, &gt;2000mg/Kg.

**HEALTH EFFECTS**

On eyes:	May cause temporary irritation and discomfort
On skin:	Generally non-irritant on incidental contact. Excessive or prolonged contact may give rise to slight irritation.
By inhalation:	Harmful concentrations of vapour do not normally arise except under high temperature or high atomisation. High concentrations of mist may give rise to respiratory irritation.
By ingestion:	Ingestion of large quantities may cause nausea, sickness and diarrhoea
Chronic:	No hazard anticipated
Other:	Products which have become contaminated might present more serious health effects.

**12. ECOLOGICAL INFORMATION**Biodegradability: <50% (CEC L-33-T-82) Chemical oxygen demand (mgO<sub>2</sub>/l): Not determined

Not readily biodegradable but inherently biodegradable. Leaching and penetration through surface soils is generally regarded as resulting in long term persistence. Fresh or used product may be harmful to aquatic life.

**13. DISPOSAL CONSIDERATIONS**

The product can be burnt under controlled conditions, recycled by competent companies or removed by approved waste contractors

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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

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

Statutory information The Health and Safety at Work etc Act, 1974 Consumer Protection Act, 1987 Environmental Protection Act, 1990 Control Of Substances Hazardous to Health, 1988 Chemicals (Hazard Information and Packaging) Regs., as amended

European Waste Catalogue No: 13 06 01

**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 Waste Management. The Duty of Care

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