

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 1

Last revision 02 January 1997

Issue date 30/03/01

ADDRESS:

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

Business Telephone: 08701 200400 Fax: 01782
202072

PRODUCT NAME:

Product Code: 4630

ROPE LUBE AEROSOL

APPLICATION:

Supplied as a rope dressing and lubricant for wire ropes

2. COMPOSITIONAL INFORMATION:

Comprises a blend of highly refined mineral oils, molybdenum disulphide, petroleum distillates, corrosion inhibitors and aerosol propellants

Hazardous ingredient	Risk codes	% range
Severely refined mineral oil, (mist)	Not applicable	>50%
white spirit	R 10	<10%
Butane/propane propellant	R 12	10-25%

3. HAZARDS IDENTIFICATION:

Low order of acute oral toxicity but may cause nausea, vomit and diarrhoea. Aspiration of vomit may cause chemical pneumonitis.

Special hazards of product after use: This product is packaged in a pressurised aerosol can. Do not pierce or burn.

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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: Wash thoroughly with soap and water. Apply emollient cream

Inhalation: In the event of dizziness or nausea, remove from exposure and keep warm.

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: Flammable

Flash point (°C,PMCC): -40:Propellant

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

Products of combustion: Carbon dioxide, carbon monoxide, together with dense smoke and partially oxidised organic fragments of the product's main ingredients

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions: Ventilate to clear away solvent fumes. Plastic or rubber gloves

Environmental precautions: If substance has entered a water course or sewer or been spilt on soil or vegetation, advise appropriate authorities

Decontamination: Absorb in earth or sand and remove to a safe place

7. HANDLING AND STORAGE.

Store and use away from sources of ignition-no smoking.Store in clearly marked containers at maximum temperature of 40°C, and always reseal container after use. Keep away from food and drink. Product may affect certain rubbers and plastics.

Storage temperature: Ambient

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Occupational exposure limits	<u>Substance</u>	<u>LTEL</u>	<u>STEL</u>	<u>Source/other information</u>
	H'carbon solvent	400ppm		Occupational Exposure Limits (EH40)
Engineering control measures	Ensure adequate ventilation.			
Personal protection	Good working practices and personal hygiene standards should be maintained at all times. The use of gloves or suitable barrier creams is recommended where prolonged and repeated contact with the product is inevitable			

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown oil	Odour:	H'carbon solvent
Specific gravity @ 15.6°C:	<1	pH:	Not applicable.
Vapour pressure (mm Hg)@ 20°C:	~ 10m	Vapour density (air=1)	> 1
Boiling point (°C):		Pour point/Melting point (°	<0
Flash point (°C, PMCC):	-40:Propellant	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:	Avoid exposure to extreme heat.
Materials to avoid:	Incompatible with strong oxidising agents
Hazardous decomposition products:	Oxides of carbon and water vapour with unidentified organic compounds and 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, >2000mg/Kg.

HEALTH EFFECTS

On eyes:	May cause temporary irritation and discomfort
On skin:	Frequent and/or prolonged contact in conditions of poor industrial hygiene may give rise to skin irritation
By inhalation:	Vapour levels above the exposure limit may cause headache, irritation of the respiratory tract, dizziness and inco-ordination.
By ingestion:	Ingestion may cause nausea, vomiting, slurring of speech, and central nervous system depression which may progress to unconsciousness
Chronic:	None determined
Other:	None determined

12. ECOLOGICAL INFORMATIONBiodegradability: <50% (CEC L-33-T-82) Chemical oxygen demand (mgO₂/l): Not determined

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. Contains volatile organic compounds. Product may contribute to the production of ozone.

13. DISPOSAL CONSIDERATIONS

Dispose of product responsibly. Note: Even when the product has been decanted, the container holds flammable residues and vapours. Do not allow to contaminate ponds, water courses or drains. The product should be removed by approved contractors.

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14. TRANSPORT INFORMATION

Classification for transport: AEROSOL DISPENSERS

Shipping name: AEROSOLS

UN number: 1950

Packing Group:



UN Class: 2.5

Marine pollutant: No

ADR/RID: 2.5°F

EmS number: 2-13

ICAO/IATA: 2

MFAG number:

15. REGULATORY INFORMATION

Hazard label data EXTREMELY FLAMMABLE

R S Phrases R12:Extremely flammable

S02:Keep out of reach of children.S16:Keep away from sources of ignition - No smoking.Do not breathe .. (gas/fumes/vapour/spray). Use only in well ventilated areas

EC Directives Framework waste directive, 91/156/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 Aerosol Product - CAUTION: Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material Occupational Exposure Limits (EH40)