

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/P EPARATION AND COMPANY

NAME OF MANUFACTUE SUPPLIE :

LUBRICANTS (UK)

Sheet 1 of 4 Revision Number

Last revision

02 SEPTEMBER 2016

Issue date

02 SEPTEMBER 2016

ADDRESS:

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

PRODUCT NAME:

Product Code: 4219

ICEFREE

APPLICATION:

Supplied as an airline oil for air operated tools particularly under icing conditions

2. COMPOSITIONAL IN FORMATION:

Comprises a blend of propylene glycol and multifunctional additives

3. HAZARDS IDENTIFICATION:

Ingestion of large quantities may cause nausea, sickness and diarrhoea
Special hazards of product after use: None anticipated, provided product used fo~ purpose intended.

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4. FIRST AID MEASURES:

- Eyes: Wash immediately with copious quantities of water. If irritation persists, seek medical attention.
- Skin: Wash thoroughly with soap and water. Apply emollient cream
- Inhalation: Not anticipated to be a problem in normal use
- 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,FMCC): >100
- Extinguishing media: Dry chemical, (O2, foam, sand and water
- Products of combustion: Carbon dioxide, carbon monoxide together with dense smoke

6. ACCIDENTAL RELEASE MEASURES.

- Personal precautions:) Impervious gloves and boots
- Environmental precautions:) If substance has entered a water course or sewer or been spilt on soil or vegetation, advise appropriate authorities
- Decontamination:) Contain spilled product with sand or earth. Prevent spills from entering waterways. Collect absorbent material for disposal.

7. HANDLING AND STORAGE.

Store in clearly marked containers under cover at a maximum temperature of 40~C. Keep away from food and drink. Compatible with most common metals.

Storage temperature: Ambient

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Occupational exposure limits	Substance	LTEL	STEL	Source/other information
Engineering control measures	None assigned			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; Pink liquid Odour; typical glycol
 Specific gravity @ 15.6°C; 1.055 pH: Not applicable.
 Vapour pressure (mm Hg) @ 20°C: <0.01 Vapour density (air=1) > 1
 Boiling point (°C); Pour point/Melting point (°C) -50
 Flash point (°C) (PMCC); >100 Autoignition temperature,
 Flammability limit in air, % by volume; LEL: UEL;
 Volatile organic compounds, %:
 Kinematic viscosity (cSt) @ 40°C: 30
 Solubility; Miscible with water in all ratios
 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

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components
 Estimated oral LD50 30 g/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,
 On 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
 On ingestion Low order of acute oral toxicity but may cause nausea vomit and diarrhoea Aspiration of vomit may cause chemical pneumonitis.
 Chronic; None determined
 Other; None determined

12. ECOLOGICAL INFORMATION

Biodegradability: Inherently biodegradable Chemical oxygen demand (mgO₂/l): Not determined

This product is expected to biologically degrade in surface water and waste water treatment plants. Aquatic toxicity rating, TLm is 3' 1000ppm.

13. DISPOSAL CONSIDERATIONS

Dispose of product and container carefully and responsibly. Do not allow to contaminate ponds, watercourses or drains. The product should be removed by approved waste contractors for disposal in accordance with local and national legislation

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14. TRANSPORT INFORMATION

Classification for transport:	Not classified for transport		
Shipping name:	na.		
UN number:	n.a.)	Packing Group:	na.
UN Class:	na.)	Marine pollutant:	Not
~DR/RID:	na.)	EmS number:	
KAQ/IATA:	na.)	MFAG number:	

15. REGULATORY INFORMATION

Hazard label data not classified

S Phrases

EC Directives Framework waste directive, 91/1 56/EEC

Statutory information The Health and Safety at Work etc Act, 1974

European Waste Catalogue No: 1651 99

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 Waste Disposal- Environmental Protection (Duty of Care) Regulations, 1991. MS 24: Health surveillance of occupational skin disease EH 62: Metalworking fluids: health precautions.