

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 04 August 2015

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1 Identification of the substance/preparation and of the company/undertaking

Trade name: **linelube Airline Oil ISO 22**

Relevant identified uses of the substance or mixture and uses advised against:

- Use of the substance/mixture: lubrication of pneumatic tools, valves and related equipment

Supplier:

Online Lubricants Ltd.
Unit 20, The IO Centre, Barking, London IG11 0DR
UK Tel. +44 (0) 208 507 0123

In case of emergency: **+44 (0) 208 507 0123**

2 Hazards identification

2.1 Main Hazard - No Significant Hazard

2.2 Risk Phrases - The product is classified in accordance with 67/548/EEC: No Significant Hazard

2.3 Other Hazards - No other known hazards.

2.4 Further Information - DMSO content: <3% (according to IP346)

3 Composition / Information on ingredients

3.1 Mixtures:

67/548/EEC / 1999/45/EC

Chemical Name	CAS No.	EC No.	Concentration (%w/w)
BASE OLAZ	74869-22-0	278-012-2	90 - 100%

4 First-aid Measures

4.1 Description of first aid measures

Inhalation

- Do not breathe dust or vapour.

Eye contact

- Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
- Seek medical attention if irritation or symptoms persist.

Skin contact

- Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing.
- Seek medical attention if irritation or symptoms persist.

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Ingestion

- May cause nausea and vomiting.
- Seek medical attention if irritation or symptoms persist.
- DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

- Skin contact: May cause irritation to skin and eyes
- Ingestion: DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Ingestion: If you feel unwell, seek medical advice (show label where possible)
- Further Information: No action shall be taken involving any personal risk or without suitable training.

5 Fire Fighting Measures

5.1 Extinguishing media

- Carbon oxides. Carbon dioxide (CO₂). Dry chemical.

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.

5.3 Advice for firefighters

- Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.
- Do NOT use water jet.

6 Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

- No action shall be taken involving any personal risk or without suitable training.
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

- Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

- Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.
- Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

- Please always refer to sections 2 and 16.

7 Handling and Storage

7.1. Precautions for safe handling

- Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Temperature: 0 - 50 °C.

7.2. Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

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7.3. Specific end use(s)

- Please use this product as indicated in sections 1 and 2.
- If you are uncertain, please contact us immediately as not using the product in the right way could be dangerous for your health and machinery.

7.4 Further information

- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

8 Exposure controls/personal protection

8.1. Control parameters:

BASE OLAZ WEL 8-hr limit ppm: WEL 8-hr limit mg/m³: 5
 WEL 15 min limit ppm: WEL 15 min limit mg/m³: 10

8.2. Exposure controls:

Appropriate engineering controls: Ensure adequate ventilation of the working area
Individual protection measures: Wear chemical protective clothing
Eye / face protection: Approved safety goggles.
Skin protection – Hand protection: Chemical resistant gloves (PVC).
Respiratory protection: Wear: Suitable respiratory equipment



9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties:

State	Liquid
Colour	Amber
Odour	Mild
Viscosity	22
Explosive	Stable under normal conditions
Oxidising	Not considered oxidising
Relative density	0.875 - 0.91
Fat Solubility	No data available
Vapour density	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Boiling point	> 150
Flash point	> 178
Autoignition temperature	> 250
Melting point	< -20
Freezing Point	< -20
Vapour pressure	< 0.5
pH	Not applicable.
Solubility	Insoluble in water

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9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

9.3 Further information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

10 Stability and Reactivity

10.1 Reactivity - Stable under normal temperature conditions and recommended use.

10.2 Chemical stability - Stable under normal conditions

10.3 Possibility of hazardous reactions- Do not mix the product with other materials

10.4 Conditions to avoid - Store at temperatures between 0°C and 50°C

10.5 Incompatible materials - Strong oxidising agents

10.6 Hazardous decomposition products

- Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

11 Toxicological Information

11.1. Information on toxicological effects

General Information

- This product has low toxicity. Only large volumes may have adverse impact on human health.

Skin corrosion/irritation

- May cause sensitisation by skin contact.

Serious eye damage/irritation

- May cause temporary eye irritation.

Respiratory or skin sensitisation

- Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Repeated or prolonged exposure

- Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

11.1.4. Toxicological Information

BASE OLAZ	Inhalation Rat LC50/30min: >5.53
	Dermal Rat LD50: >2000
	Oral Rat LD50: >5000

Information given is based on data on the components and the Information given is based on data on the components and the toxicology of similar products

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12 Ecological Information

12.1. Toxicity - No data available

12.2. Persistence and degradability

- The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic.

12.3. Bioaccumulative potential

- Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4 Mobility in soil - The product is non-volatile. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment - Not applicable

12.6 Other adverse effects - May cause long-term adverse effects in the environment

12.7 Further information - Information given is based on data on the components and the toxicology of similar products

13 Disposal Considerations

13.1 Waste treatment methods

Waste Code: 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19) Code given as a guidance only it could vary from different products and the way they were used.

13.2 General information - Dispose of in compliance with all local and national regulations

13.3 Disposal of packaging - We recycle 205L and 1000L packaging

14 Transport Information

ADR/RID - The product is not classified as dangerous for carriage.

IMDG - The product is not classified as dangerous for carriage.

IATA - The product is not classified as dangerous for carriage.

Further information - The product is not classified as dangerous for carriage.

15 Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References:

- Health and Safety at Work Act 1974. Statutory Instruments.

- The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No.716).

- Approved Code of Practice. Safety Data Sheets for Substances and Preparations. Guidance Notes. Workplace Exposure Limits EH40.

15.2 EU Legislation - Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

15.3 Chemical safety assessment - No chemical safety assessment has been carried out

16 Other Information

First edition