



SAFETY DATA SHEET

LPS 1 GREASELESS LUBRICANT (AEROSOL SPRAY

PRODUCT NAME: LPS 1 GREASELESS LUBRICANT (AEROSOL SPRAY CAN)
PART No.: M01400
SUPPLIER: Ambersil Ltd.
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CAN)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

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Supplied by:
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2 COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT NAME | EINECS No. | CAS No. | CONTENTS | SYMBOL | RISK (R No.) |
|-----------------------|------------|------------|----------|--------|-----------------|
| ODOURLESS KEROSENE | 265-149-8 | 64742-47-8 | 60-100 % | Xn | 65 |
| ALIPHATIC HYDROCARBON | 265-130-4 | 64742-30-9 | 10-30 % | Fo, Xn | 10, 65 |
| CARBON DIOXIDE | 204-696-9 | 124-38-9 | 1-5 % | NC | Not classified. |

The full text for all R-phrases are shown in section 16.

COMPOSITION COMMENTS: Risk phrases in this section apply only to individual constituents and not the finished preparation.

3 HAZARDS IDENTIFICATION

Extremely flammable.

4 FIRST AID MEASURES

INHALATION: If inhaled, provide fresh air. Seek medical attention if irritation persists.
INGESTION: DO NOT induce vomiting. Seek medical attention immediately and show this safety data sheet.

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SKIN: Wash affected area with soap and water. If irritation persists seek medical attention.
EYES: In case of contact with eyes, rinse with water until irritation subsides. If irritation persists, seek medical attention.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Powder, foam or CO2. Do not use a water jet.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, noxious fumes.
PROTECTIVE MEASURES IN FIRE: In the event of fire protect against exploding cans. Water spray may be used to cool aerosol cans.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: This product is a hermetically sealed pressurised aerosol unit and accidental spillage is unlikely. If can is ruptured, allow contents to discharge in situ, whilst removing all ignition sources from the area and ensuring maximum ventilation. Use an absorbent material, eg sand, to mop up residues. See section 13 'Disposal Considerations'.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Do not spray on a naked flame or any incandescent material.
STORAGE PRECAUTIONS: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. It is recommended that aerosols are stored in their own location away from bulk flammable liquids and packaging materials. Store in a cool, dry place away from heat and ignition sources.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

| INGREDIENT NAME | CAS No | STD | LT EXP (8 hrs) | ST EXP (15 min) |
|-----------------------|------------|------|-------------------|--------------------|
| ODOURLESS KEROSENE | 64742-47-8 | OES. | 1000 mg/m3 | |
| ALIPHATIC HYDROCARBON | 64742-30-9 | OES. | 5 mg/m3 | 10 mg/m3 |
| CARBON DIOXIDE | 124-38-9 | OES. | 5000 ppm | 15000 ppm |

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROCESS CONTROL MEASURES: Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

VENTILATION: No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

HYGIENIC WORK ROUTINES: PERSONAL PROTECTION: Wear personal protective equipment appropriate to the task.

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9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--|---------------------|--------------------------------|--------------|
| APPEARANCE: | Liquid. | COLOUR: | Pale Amber. |
| ODOUR/TASTE: | Characteristic. | | |
| SOLUBILITY DESCRIPTION: | Insoluble in water. | | |
| BOILING POINT (°C): | 195 @ 760mmHg | | |
| SPECIFIC GRAVITY (Water=1): | 0.8 @ 20 °C | VAPOUR DENSITY (air=1): | >1 |
| VAPOUR PRESSURE: | <1mmHg @ 20 °C | EVAPORATION RATE: | <0.1(BuAc=1) |
| FLASH POINT (°C): | 70 | | |
| FLASH POINT METHOD: | PM Closed cup. | | |
| AUTO IGNITION TEMPERATURE (°C): | >200 | | |

10 STABILITY AND REACTIVITY

| | |
|--|---|
| STABILITY: | There are no known stability problems associated with this product when stored and used under the conditions recommended. |
| CONDITIONS TO AVOID: | Exposure to direct sunlight. Temperatures in excess of 50°C. |
| MATERIALS TO AVOID: | Strong oxidizing agents. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility. Combustion may also generate: oxides of sulphur. |

11 TOXICOLOGICAL INFORMATION

| | | |
|--------------------------------|---|--|
| HEALTH HAZARDS, GENERAL | : | An acute toxicity study of this product has not been conducted. Information given in this section relates only to individual constituents contained in this product. Health hazards associated with aerosols are considered to be limited due to their hermetically sealed nature. |
| INHALATION: | | High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. |
| INGESTION: | | Harmful: small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause lung damage. |
| SKIN: | | May cause defatting of the skin, but is not classified as an irritant. |
| EYES: | | May cause slight transient irritation. |

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: An ecotoxicity study of this product has not been conducted. However, this product contains no substances which are classified as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Recycle empty containers if facilities are available. Dispose of in accordance with local authority recommendations.

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14 TRANSPORT INFORMATION

ROAD: UN No:

1950

HAZARD CLASS (ADR):

Class 2: Gases; Compressed, liquefied or dissolved under pressure.

ADR CLASS No:

5A

PROPER SHIPPING NAME I:

AEROSOLS

RAIL:**SEA:****UN SEA:**

1950

SEA TRANSPORT CLASS No:

2.2

AIR:**UN AIR:**

1950

AIR TRANSPORT CLASS No:

2.1

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:**EXTREMELY FLAMMABLE****RISK PHRASES:**

R-12

Extremely flammable.

SAFETY PHRASES:

S-16

Keep away from sources of ignition - No Smoking.

S-2

Keep out of reach of children.

S-51

Use only in well ventilated areas.

UK REGULATORY REFERENCES:

Chemicals (Hazard Information & Packaging) Regulations.

16 OTHER INFORMATION

USER NOTES:

The purpose of the above information is to describe this product only in terms of Health and Safety requirements. The information given therefore, should not be construed as guaranteeing specific properties or specification. Customers should satisfy themselves as to the suitability and completeness of this information for their own particular use, bearing in mind any other Health and Safety legislation or regulations. The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is construed as a warranty or representation. Statements concerning the use of the products described herein

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are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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INFORMATION SOURCES: British Aerosol Manufacturers Association Code of Practice.
HSE EH40 Occupational Exposure Limits.
Suppliers health & safety data sheets.

REVISION DATE: 23.01.03

REVISION No. /REPLACES SDS ISSUED:

1

R-PHRASES (Full Text):

R-10

Flammable.

Not classified.

R-65

Harmful: may cause lung damage if swallowed.

DATE:

17.10.00