

SAFETY DATA SHEET

AC2176

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

Product name Airco Lube POE100 Ester

SDS No. AC2176

Product use Refrigerator compressor lubricant.

Supplier:

Primalec
Green Farm, Nettlestead Green,
Maidstone
Kent
ME18 5HD, United Kingdom
Tel: +44 (0)1622 816955
Fax: +44 (0)1622 816110

2. Composition/information on ingredients

Synthetic lubricant and additives.

This product does not contain any hazardous ingredients at or above regulated thresholds.

3. Hazards identification

This preparation is not classified as dangerous according to Directive 1999/45/EC as amended and adapted.

Effects and symptoms

Eyes

May cause mild eye irritation.

Skin

Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.

Inhalation

Inhalation of oil mist or vapours at elevated temperatures may cause respiratory irritation.

Ingestion

Ingestion may cause gastrointestinal irritation and diarrhoea.

4. First aid measures

Eye Contact

In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

5. Fire-fighting measures

Extinguishing Media:

Suitable

In case of fire, use water fog, foam, dry chemical or CO₂ extinguisher or spray.

Not Suitable

Do not use water jet.

Protection of fire-fighters:

Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Unusual fire/explosion Hazards:

This material is not explosive as defined by established regulatory criteria.

6. Accidental release measures

Personal Precautions:

Personal protection in case of a large spill. Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

Environmental precautions and clean-up methods:

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If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.

Personal protection in case of a large spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product

7. Handling and storage

Handling:

Wash thoroughly after handling.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. Exposure controls/personal protection

Occupational exposure limits:

This product does not have any assigned OELs.

Control Measures:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Hygiene measures:

Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

Personal protective equipment:

Respiratory system

None required; however, use of adequate ventilation is good industrial practice.

Skin and body

Wear appropriate clothing to avoid prolonged skin contact.

Hands

Wear protective gloves if prolonged or repeated contact is likely. Consult your local supplier of personal protective clothing regarding the choice of material.

Eyes

Safety glasses with side shields.

9. Physical and chemical properties

| | |
|-----------------------|---|
| Flash point | 268 °C (Open cup) Cleveland. |
| Pour Point | -17 °C |
| Colour | Yellow. (Light.) |
| Physical state | Liquid. |
| Odour | Mild |
| Density | <1000 kg/m ³ (<1 g/cm ³) at 20°C |
| Solubility | Insoluble in cold water. |
| Viscosity | Kinematic: 90 to 110 mm ² /s (90 to 110 cSt) at 40°C Kinematic: 10 to 15 mm ² /s (10 to 15 cSt) at 100°C |

10. Stability and reactivity

Incompatibility with various substances

Reactive with oxidising agents.

Hazardous polymerization

Will not occur.

11. Toxicological information

Chronic toxicity

Carcinogenic effects

No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC).

12. Ecological information

| | |
|----------------------------------|--|
| Persistence/degradability | Inherently biodegradable |
| Mobility | Nonvolatile. Liquid. Insoluble in water. |

13. Disposal considerations

Disposal Consideration / Waste information

Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities.

14. Transport information

Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

15. Regulatory information

Label Requirements

Risk Phrases

This product is not classified according to the EU regulations.

EU Regulations

Classification and labelling have been performed according to EU directives 1999/45/EC and 67/548/EEC as amended and adapted.

Other regulations

Inventories

AUSTRALIAN INVENTORY (AICS): In compliance.
CANADA INVENTORY (DSL): Not determined.
CHINA INVENTORY (IECS): In compliance.
EC INVENTORY (EINECS/ELINCS): In compliance.
JAPAN INVENTORY (ENCS): In compliance.
KOREA INVENTORY (ECL): In compliance.
PHILIPPINE INVENTORY (PICCS): In compliance.
US INVENTORY (TSCA): In compliance.

Professional disease(s) Not classified.

Medical Surveillance Not classified.

16 . Other information

History

Date of issue 15th /11/2006
Date of previous issue No Previous Validation.
Prepared by DCF

Notice to reader

The data and advice given apply when the product is sold for the stated application or applications. 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.