

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PENETRATING OIL LS303
Synonyms: Penetrating Lubricant.

Use: Freeing and lubricating metal parts.

Supplier: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court, Altona, 3018
Telephone Number: (03) 9398 4444

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:
Aspiration hazard – category 1

SIGNAL WORD: DANGER



Hazard Statement(s):
H304 - May be fatal if swallowed and enters airways.

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P233 – Keep container tightly closed.

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P280 - Wear protective gloves/eye protection/ face protection.

Response:

P301 + P310 – IF SWALLOWED: immediately call a POISON CENTER (131126) or doctor/physician

P331 – Do NOT induce vomiting

Storage:

P405 – Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia): 5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Paraffins and Napthenes	64742-88-7	30 – 60 %	H304
Lubricating Oils	mix	30 – 60%	

4. FIRST AID MEASURES

Inhalation: Move to fresh air, keep warm and at rest. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse. Seek medical assistance if irritation occurs.

Eye Contact: Hold eyes open, flood with water for at least 15 minutes and see a doctor.

Ingestion: Do NOT induce vomiting. Give a glass of water. Get medical attention. Wash out mouth thoroughly. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.

Notes to Doctor: Treat according to symptoms. Because of risk of aspiration gastric lavage must only be attempted after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Specific Hazards: Combustion products include oxides of carbon.

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Fire fighting advice: Wear breathing apparatus, full protective clothing, appropriate boots and chemically impervious protective gloves while attending hazard. Prevent the product and or extinguishing media from entering drains or waterways. Use water to cool fire exposed containers.

Fire Extinguishing Media: Foam, Dry Chemical, CO₂, Water Fog.

Hazchem Code: N/A

Flammability: Combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Minor spills must be contained and mopped up quickly to prevent an accident. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Collect and seal in properly labelled containers for disposal. Refer to State Land Waste Authority for disposal. Flush area with water.

7. HANDLING AND STORAGE

Handling advice: Use in well ventilated areas away from ignition sources. Only use equipment that is intrinsically safe for use with flammable liquids and vapours. Keep containers closed when not in use.

Storage advice: Store in a cool, well ventilated area away from heat, ignition sources, and strong oxidising agents. Containers must always be kept closed in storage and properly labelled.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

Exposure standard for oil mist: 10 mg/cubic metre, Time Weighted Average (TWA).

Engineering Controls: Keep away from sources of ignition. Take precautionary measures against static discharges. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces. Protect against accidental release to waterways and drains. Use in a well ventilated area. Do not lean over vessels containing liquid or vapour.

Personal Protection Equipment: Wear chemical resistant gloves, goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Respiratory protection may be used if there is a risk of exposure to high vapour concentrations. Respirators must comply with AS1716 or an equivalent approved by a state or territory authority.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, with a hydrocarbon smell.

Boiling Point: Not available

Melting Point: Not Known

Flash Point: 130°C (calculated)

Vapour Pressure: Not available

Vapour Density (Air = 1): Not available

Flammability Limits: Not available

Specific Gravity: 0.8

pH (1% solution): N/A

Solubility in water: Insoluble

Corrosiveness: Non-corrosive

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: May cause irritation to the mouth, throat and digestive tract. A large dose may cause drowsiness and lead to unconsciousness.

Eye: May cause transient stinging or redness.

Skin: Unlikely to cause harm to the skin on brief or occasional contact. Avoid prolonged or repeated contact as it may lead to dermatitis.

Inhaled: Vapour may be an irritant to mucous membranes and respiratory tract. May result in headaches dizziness and possible nausea. Prolonged exposure to high concentrations of vapours may lead to unconsciousness. Aspiration of liquid into the lungs can cause serious (even fatal) pneumonitis.

Chronic: May irritate skin on prolonged or repeated exposure. The use of gloves is recommended.

12. ECOLOGICAL INFORMATION

This substance may be hazardous to the environment. May be harmful to fish. Water polluting substance. Avoid contaminating waterways.

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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority

14. TRANSPORT INFORMATION

UN Number: None assigned

Proper Shipping Name: PENETRATING OIL LS303

Dangerous Goods Class: None assigned

Subsidiary risk: None assigned

Packing Group: None assigned

Hazchem Code: None assigned.

Road and Rail Transport: Not classified as a dangerous good according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

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Poisons Schedule: 5

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16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS cannot anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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