



SAFETY DATA SHEET

ATLANTIC PK-63 EXTRA HEAVY DUTY

Version 1.1
Supersedes

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Issued by Atlantic Lubricants Pty. Ltd.

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

Product Name : Atlantic PK-63 Extra Heavy Duty
Use : Solvent Based Degreaser
Product Code : SOLPK63
Company Name : Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)
Address : 40 Liverpool Street Ingleburn NSW 2565
Telephone/ Fax No : Tel: (02) 9829 7555 Fax: (02) 9829 4555
Web : www.atlanticoil.com
Emergency Telephone : (02) 9829 7555
Poisons Information Centre (Aust. 13 11 26)
Other Product Information : (02) 8706 3240

2. HAZARD(S) IDENTIFICATION

Classification of the mixture : Classified as hazardous under GHS for Australia criteria
Hazardous Classification : Aspiration Toxicant: 1
Flammable Liquid: 4
Signal Word : **Danger**

Pictograms :



Hazard Statements:

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

Precautionary Statements:

Prevention **P210:** Keep away from flames and hot surfaces. - No Smoking
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves and eye protection.



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2. HAZARD(S) IDENTIFICATION

(Continued)

Response **P301 + 310:** IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
P331: Do NOT induce vomiting
P370 + 378: In case of fire: Use foam for extinction

Storage **P405:** Store locked up
P403 + 378: Store in a well ventilated place. Keep cool.

Disposal **P501:** Disposal of unused material as hazardous waste.

Poisons Schedule: 5

Dangerous Goods Classification : N/R

3. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENT	%(w/w)	CAS NUMBER
Kerosene, Hydrodesulphurised	>90	64742-81-0
Benzenesulfonic acid, C10- 16- alkyl derivatives	<4	68584- 22- 5
Ethanol	<1	64- 17- 5
Isopropylamine	<1	75- 31- 0
Benzene, C10- 13- alkyl derivatives	<0.5	67774- 74- 7
Sulphuric acid	<0.5	7664- 93- 9
Other ingredients classified as not hazardous, or at levels not requiring classification according to Safe Work Australia	Balance	

4. FIRST AID MEASURES

For advice contact Poisons Information Centre (Aust. 13 11 26) or a doctor

Eye : If contact with the eye(s) occurs, wash with copious amounts of water, until irritation subsides. Take care not to rinse contaminated water into the non-affected. Seek immediate medical attention.

Inhalation : Using proper respiratory protection, remove the source of contamination or move the victim to fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical attention.

Ingestion : Do NOT induce vomiting. Keep at rest. Seek immediate medical attention.

Skin : Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Notes to physician : Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

First Aid Facilities : Provide eye baths and safety showers



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5. FIRE FIGHTING MEASURES

Shut off product that may fuel a fire if safe to do so.

Extinguishing Media	:	Foam or dry chemical.
Specific Hazards	:	Fire-exposed container may rupture/explode.
Hazchem Code	:	N/A
Hazards From Combustion Products	:	Under fire conditions this product will emit toxic and/or irritating fumes and smoke, carbon dioxide and carbon monoxide.
Precautions in Connection with Fire	:	Self-Contained Breathing Apparatus (S.C.B.A) and full protective firefighting clothing.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	:	Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.
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Methods and materials for containment

Major Land Spill	:	<ul style="list-style-type: none">• Eliminate sources of ignition.• Warn occupants of downwind areas of possible fire and explosion hazard.• Prevent liquid from entering sewers, watercourses, or low-lying areas.• Keep the public away from the area.• Shut off the source of the spill if possible and safe to do so.• Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.• Take measures to minimise the effect on the ground water.• Contain the spilled liquid with sand or earth.• Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.• Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.• See “First Aid Measures” and “Stability and Reactivity”
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6. ACCIDENTAL RELEASE MEASURES

(Continued)

- Major Water Spill** :
- Eliminate any sources of ignition.
 - Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
 - Notify the port or relevant authority.
 - Keep the public away from the area.
 - Shut off the source of the spill if possible and safe to do so.
 - Confine the spill if possible.
 - Remove the product from the surface by skimming or with suitable absorbent material
 - Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
 - See “First Aid Measures” and “Stability and Reactivity”

7. HANDLING AND STORAGE

- Handling** : This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark).
- Storage** : Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers - residual vapours are flammable and will fuel a fire in progress.
- Incompatible Materials** : Natural rubber, Butyl Rubber, EPDM, Polystyrene

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

- Exposure Limits** : The time weighted average concentration (TWA) for this product is: Not specified. Consider: 5 g/m³ (oil mist), which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short-term exposure limit (STEL) is: Not specified. Consider: 5 g/m³ (oil mist), which is the maximum allowable exposure concentration at any time.
- Respiratory Protection** : Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type “A” filter material is considered suitable for this product. Reference should be made to Australian Standards AS/NZS 1715, selection. Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.



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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

(Continued)

- Eye Protection** : Safety glasses with side shields, goggles or full-face shield is recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Personal Eye Protection Part 1: Eye and Face Protectors for Industrial Applications.
- Hand Protection** : Wear gloves of impervious material (e.g. PVC). Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
- Body Protection** : Wear appropriate long sleeve shirt and trousers or coveralls including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.
- Engineering Controls** : The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation in confined spaces. Use explosion proof ventilation equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear Blue liquid
Odour	:	Mild Petroleum
Solubility in Water	:	insoluble
pH Value	:	Not Provided
Electrostatic Stability	:	Not Provided
Vapour Pressure @ 20°C	:	>1 kPa
Vapour Density	:	Not Provided
Flash Point	:	64 °C. Min.
Autoignition Temperature	:	Not Provided
Melting Point	:	Not Provided
Boiling Point	:	Not Provided
Specific Gravity @ 15°C	:	Not Provided
Explosive Limits LEL	:	Not Provided
Explosive Limits UEL	:	Not Provided
Pour Point	:	Not Provided
Percent Volatiles	:	100



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10. STABILITY AND REACTIVITY

- Stability** : Stable at room temperature and pressure.
- Hazardous Polymerization** : Will not occur.
- Hazardous Decomposition Products** : Thermal decomposition may result in the release of toxic and or irritating fumes including carbon monoxide, carbon dioxide and other organic complexes on incomplete burning or oxidation.
- Hazardous Reaction** : Strong oxidisers and heat.
- Conditions to avoid** : Sources of heat, open flames or other sources of ignition.

11. TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS

- Toxicology Information** : No toxicity data is available for this material.

Ingredients

Kerosene, Hydrodesulphurised

- Ingestion** : Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting any amount of this product will result in headaches, nausea, dizziness, and tracheal burning.
- Inhalation** : This product may be irritating to the respiratory tract. Avoid breathing mists of this product or inhaling vapours at elevated temperatures. Inhalation of fine mist will induce symptoms similar to ingestion.
- Skin** : This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.
- Eye** : This product is irritating to eyes but will not permanently damage the eye tissue.



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11. TOXICOLOGICAL INFORMATION

(Continued)

CHRONIC HEALTH EFFECTS

- Chronic Effects** : Individuals with pre-existing respiratory or skin conditions may be sensitive to this product. Observe standard industrial hygiene measures to avoid exposure reactions.
- Toxicological Information** : Oral LD50: Oral: > 5000 mg/kg (rat)
Dermal TClO: Dermal: > 2000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

ECOTOXICITY

- Ecotoxicity Information** : No toxicity data is available for this material.

Ingredients

Kerosene, Hydrodesulphurised

- Aquatic Toxicity** : Fish Toxicity (rainbow trout, goldfish, bluegill) LC50(96hr):
Pimephales promelas: 45000 µg/L
- Daphnia Magna EC₅₀ (24 hr):
21000 µg/L
- Blue-green algae (Toxicity threshold 7-8 days):
No data available
- Green algae (Toxicity threshold 7-8 days):
No data available
- Persistence /Degradability** : Readily biodegradable.
Oxidises rapidly by photo-chemical reactions in air.
- Bioaccumulation** : Does not bioaccumulate significantly.
BCF = 130 – 159



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13. DISPOSAL CONSIDERATIONS

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. Dispose of waste according to state E.P.A. regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

This product is classed as Dangerous Goods Class N/R, packing group N/R. Please consult the Australian Dangerous Goods Code for Transport by Road and Rail for information.

U.N. NUMBER : N/R
PROPER SHIPPING NAME : 100% Liquid Hydrocarbon
DG CLASS : N/R
SUBSIDIARY HAZARD : None Allocated
HAZCHEM CODE : N/R
PACKING GROUP : N/R

15. REGULATORY INFORMATION

COUNTRY/ REGION : AUSTRALIA
INVENTORY : All ingredients are listed on the Australian Inventory of Chemical Substances (AICS)
POISONS SCHEDULE : 5

16. OTHER INFORMATION

REFERENCES : AICS: Australian Inventory of Chemical Substances
CAS Number: Chemical Abstracts Number
IARC: International Agency for Research on Cancer
NOHSC: National Occupational Health and Safety Council
AS/NZS 1715 - Use and maintenance of Respiratory Protective Devices.
AS/NZS 1716 - Respiratory Protective Devices.
AS/NZS 1337 - Personal eye protection Part 1: Eye and face protectors for occupational applications.
AS/NZS 2161.1 - Occupational protective gloves.
AS 1940 - The storage and handling of flammable and combustible liquids.



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16. OTHER INFORMATION

(Continued)

CONTACT

For information concerning details on this Safety Data Sheet contact Atlantic Technical Help Line on (02) 8706 3240.

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. However, Atlantic accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.