SAFETY DATA SHEET

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Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name
ATLANTIC FIRE RESISTANT / BIODEGRADABLE HYDRAULIC

Product Code
HYB6800

Product Use
Fire Resistant / Biodegradable Hydraulic Fluid

Company Name
Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)

Address
40 Liverpool Street
Ingleburn NSW 2565

Emergency Telephone:
(02) 9829 7555

Telephone Number/Fax
Tel: (02) 9829 7555 Fax: (02) 9829 4555

Other Information
Atlantic Technical Officer: Con Zikos (02) 9829 7555 Mobile 0425 366 367

2. COMPOSITION / INFORMATION ON INGREDIENTS

Information on Composition
Severely refined petroleum distillates with performance additives.

<table>
<thead>
<tr>
<th>Ingredients Name</th>
<th>CAS</th>
<th>Proportion</th>
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<tbody>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td>Not required</td>
<td>100 %</td>
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3. HAZARDS IDENTIFICATION

OSHA/HCS status
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture
Not classified.

GHS label elements

Hazard Pictograms

Signal word
Warning.

Hazard statements
Very toxic to aquatic life; harmful if swallowed.

Precautionary statements

Prevention
Avoid release to environment. Do not eat, drink or smoke when using product. Wash thoroughly after handling.

Response
Collect spillage IF SWALLOWED: call the POISON CENTRE or doctor if you feel unwell.

Storage
Not applicable.

Disposal
Not applicable.

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4. FIRST AID MEASURES

Inhalation
Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops and persists, seek medical attention.

Ingestion
DO NOT induce vomiting. Immediately wash out mouth with water. Seek 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.

Eye
If contact with the eye(s) occurs, wash with copious amounts of water, holding eyelids(s) open. Take care not to rinse contaminated water into the non-effected eye. If irritation develops and persists, seek medical attention.

First Aid Facilities
Eye wash and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media
Carbon dioxide, foam or dry chemical.
Do NOT use water jets. Cool fire exposed containers with water spray.

Specific Hazards
Combustible C2 liquid. Fire-exposed container may rupture/explode.

Hazardous Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes including oxides of carbon.

Precautions in connection with Fire
Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing should be worn to minimise exposure.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Corrosiveness
Not corrosive to aluminium.

Handling
Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

Storage
Combustible C2 liquid for storage and handling purposes. Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to Australian Standard AS1940- The storage and handling of flammable and combustible liquids.
8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits
No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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.

Eye Protection
Safety glasses with side shields, goggles or full-face shield as appropriate 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 - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material. 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 clothing 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.

Eng. Controls
Natural ventilation should be sufficient, however where vapours or mists are generated the use of a local exhaust ventilation system (drawing vapours/mists away from workers breathing zone) is recommended.

Other Information
No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Amber coloured oily liquid.

Melting Point
Not available.

Boiling Point
Not available.
Solubility in Water
Insoluble
Specific Gravity
(H₂O=1)
Not Specified
pH Value
Not applicable
Vapour Pressure
Not applicable
Vapour Density
(Air=1)
Not applicable
Flash Point
296°C ( Penskey Martens Closed Cup )
Flammability
Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. Remove all sources of heat and ignition.

Ignition Temperature
Not available.
Flammable Limits LEL
Not available.
Flammable Limits UEL
Not available.
Kinematic Viscosity
308.0 cSt @ 40°C
75.0 cSt @ 100°C

10. STABILITY AND REACTIVITY
Stability
Stable under normal conditions.
Hazardous Polymerization
Will not occur.
Materials to Avoid
Strong oxidising agents.
Hazardous Decomposition Products
Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Reaction
Hazardous reaction with strong oxidising agents.
Conditions to Avoid
Heat, direct sunlight, open flames or other sources of ignition.
11. TOXICOLOGICAL INFORMATION

Information
No toxicity data is available for this material.

Inhalation
May cause irritation to the mucous membrane and upper airways, where material is heated and is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.

Ingestion
May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea.

Skin
May cause irritation in contact with the skin, which may result in redness and itchiness, possibly leading to dermatitis.

Eye
May cause irritation in contact with the eyes which could result in redness, stinging and tearing.

Chronic Effects
Prolonged or repeated contact with this material may result in skin irritation possibly leading to dermatitis.

12. ECOLOGICAL INFORMATION

No ecological data is available for this material.

Environ. Protection
Prevent this material from entering the environment.

Mobility
No data available for this specific product.

Persistence / Degradability
No data available for this specific product.

Bioaccumulation
No data available for this specific product.

Ecotoxicity
No data available for this specific product.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A. and state regulations. Assure conformity with all applicable regulations.
14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number
None Allocated

Proper Shipping Name
None Allocated

DG Class
None Allocated

Hazchem Code
None Allocated

Packing Group
None Allocated

15. REGULATORY INFORMATION

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION

Contact Person/Point
For information concerning details on this Safety Data Sheet contact your local Technical Services Manager on the following number:
Atlantic Technical Help Line (02) 9829 7555

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