

ATLANTIC RACE BLEND 50

Issue Date: February 2018 ISSUED by Atlantic Lubricants Pty. Ltd.
Water solution/emulsion of surfactants, solvents and other ingredients. Also contains grit.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Atlantic Oils RACE BLEND 50
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

INGREDIENTS	CAS Number	CONC (%W/W)	GHS
Distillates (petroleum), hydrotreated heavy paraffinic Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isoocetyl)	64742-54-7	> 70	non hazardous
esters, zinc salts	113706-15-3	< 1	Skin corr./irrit. Cat. 2 Eye Dam. Cat. 1 Aq acute Cat. 2 Aq. Chronic Cat. 2 non hazardous
Phosphorodithioic acid, O,O- Bis(iso-Bu and pentyl) esters, zinc salts	68457-79-4	<05	Skin irrit. Cat. 2 Eye Dam. Cat. 1 Aq. Chronic Cat. 2
Long chain alkaryl amine and other ingredients	36878-20-3	up to 100	Aq. Chronic Cat. 4 Non hazardous

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.

Atlantic Lubricants Pty Ltd (ABN 67 088 335 059)

SYDNEY

40 Liverpool Street
Ingleburn NSW 2565
Ph: (02) 9829 7555
Fax: (02) 9829 4555

VICTORIA

6A Nicholas Drive
Dandenong South 3175
Ph: (03) 9768 3307
Fax: (03) 9768 2832

QUEENSLAND

Unit 2
7-9 Tradelink Road
Hillcrest QLD 4118
Ph: (07) 3556 1235

NEWCASTLE

31 Old Punt Road
Tomago NSW 2322
Ph: (02) 4964 8436

DARWIN

Unit 1A
894 Stuart Highway
Pinelands NT 0829
M: 0477 200 567

CANBERRA

P.O. Box 733
Gungahlin
ACT 2912
M: 0411 094 945

TASMANIA

42 - 44 Devonport Road
Quoiba 7310
Ph: (03) 6423 4900
Fax: (03) 6423 4800

4. FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: Rinse mouth out with water. Due to the blend of ingredients present, the manufacturer recommends that if swallowed, do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. If irritation develops or persists or vomiting has occurred after ingestion, seek medical assistance.

EYE: If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a Doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. After flushing, if irritation develops or persists, seek medical assistance.

SKIN CONTACT: If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair thoroughly with soap and water. If irritation develops or persists, consult a Doctor.

INHALATION: If affected, remove the patient from further exposure into fresh air, if safe to do so. If providing assistance, avoid exposure to yourself – only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance. If irritation develops or persists, consult a Doctor

PROTECTION FOR FIRST AIDERS: No personnel shall place themselves in a situation that is potentially hazardous to themselves. As the product is hydrocarbon based, if the person has ingested the product, caution should be exercised in using direct mouth-to-mouth resuscitation techniques. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

FIRST AID FACILITIES: Eye wash fountain and safety showers are recommended in the area where the product is used.

4.1 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE: Ingestion or inhalation of vapours may lead to irritation of the mouth and respiratory tract. Ingestion may lead to nausea and diarrhoea. Eye contact may lead to localised burning, redness and tearing. Skin contact may lead to redness or itching.

CHRONIC: Skin contact may aggravate/exacerbate existing skin conditions, such as dermatitis.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR: Treat symptomatically. As the product is hydrocarbon based, if vomiting has occurred after ingestion, the patient should be monitored for adverse effects to ensure that the product has not aspirated into the lungs.

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, foam, dry chemical or water spray. Spray down fumes resulting from fire.

UNSUITABLE MEDIA: Avoid using full water jet directed at residual material that may be burning. Water may cause splattering on hot residue. Product will float on water.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Combustion may produce oxides of carbon, calcium, nitrogen, sulphur, boron, phosphorus and zinc, as well as smoke and irritating vapours.

5.3 ADVICE FOR FIRE FIGHTERS

FIRE: This product is not flammable under conditions of use. It is a hydrocarbon based liquid that will burn if preheated – typical Flash Point 224 °C. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.

HAZCHEM CODE: Not Applicable.

EXPLOSION: No indicative information of product being an explosive hazard. Closed containers may explode when exposed to extreme heat.

PROTECTIVE EQUIPMENT: In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

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

224°C

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

185 cSt @ 40°C

19.8 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

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts

Oral - LD50 (Rat): 2600 mg/kg

Dermal - LD50 (Rat): >3160 mg/kg

Phosphorodithioic acid, mixed O,O-bis(isobutyl and pentyl) esters, zinc salts

Oral - LD50 (Rat): 3600 mg/kg

Dermal - LD50 (Rat): 20000 mg/kg

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

IMPORTANT DISCLAIMER

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. 24 HOUR EMERGENCY CONTACT (02) 9829 7555

THIS MSDS 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 MSDS 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.