



# SAFETY DATA SHEET

## ATLANTIC LONG LIFE INHIBITOR

Version 1.0

Issue Date: 06/11/2019

Issued by Atlantic Lubricants Pty. Ltd.

### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

**Product Name** : Atlantic Long Life Inhibitor  
**Use** : Engine Radiator Inhibitor  
**Product Code** : LLIG000/ LLIR000  
**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](http://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  
**Hazard Classification** : Eye Irritation Category 2A  
Skin Irritation Category 2  
Reproductive Toxicity Category 2  
**Signal Word** : **Warning**  
**Pictograms** :



**Hazard Statements:** **H315** Causes skin irritation.  
**H319** Causes serious eye irritation.  
**H361** Suspected of damaging fertility or the unborn child.



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## 2. HAZARD(S) IDENTIFICATION

(Continued)

### Precautionary Statements:

**Prevention:** P201 Obtain special instructions before use.

P280 Wear protective gloves, protective clothing and eye protection.

P281 Use personal protective equipment as required.

**Response:** P362 Take off contaminated clothing and wash before reuse.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

**Storage:** P405 Store locked up.

**Disposal:** P501 Dispose of container and used or unused contents as hazardous waste.

**Poisons Schedule** : Schedule 5

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENT	%(w/w)	CAS NUMBER
2-Ethylhexanoic Acid	10-30%	149-57-5
Sebacic Acid	2.3%	111-20-6
Tolytriazole	<1%	29385-43-1
Denatonium Benzoate	<0.01%	3734-33-6
Other ingredients classified as not hazardous, or at levels not requiring classification according to Safe Work Australia	Balance	-

## 4. FIRST AID MEASURES

### Description of necessary first aid measures

**Eye** : If eye contact occurs:  
Carefully remove contact lenses if present  
Hold eye open  
Wash carefully with plenty of water for 15 minutes  
Seek medical attention without delay  
If pain persists or recurs seek medical attention

**Skin** : If skin contact occurs:  
Flush skin with water  
Wash skin with soap and water  
Remove all contaminated clothing, including footwear  
Seek immediate medical attention if event of irritation



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## 4. FIRST AID MEASURES

(Continued)

- Inhalation** : Remove from exposure  
Move to fresh air  
Keep at rest until fully recovered  
Seek medical advice if effects persist
- Ingestion** : Do NOT induce vomiting.  
Immediately wash out mouth with water, then provide liquid slowly and as much as casualty can comfortably drink  
If vomiting occurs, lean patient forward or place on side (Head down position, if possible) to maintain open airway and prevent aspiration.  
Observe patient carefully  
Seek medical advice.
- Notes to physician** : Treat symptomatically with supportive care.

For further information contact Poisons Information Centre (Aust. 13 11 26)

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## 5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Carbon dioxide, foam or dry chemical
- Specific Hazards** : Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.
- Fire Fighting** : Alert Fire Brigade and tell them location and nature of hazard.  
Wear full body protective clothing with breathing apparatus.  
Prevent, by any means available, spillage from entering drains or water course.  
Use water delivered as a fine spray to control fire and cool adjacent area.
- Fire/ Explosion Hazard** : Combustible.  
Slight fire hazard when exposed to heat or flame.  
Heating may cause expansion or decomposition leading to violent rupture of containers.  
Product is a mobile liquid.  
Oxides of carbon are involved in combustion  
May emit poisonous and corrosive fumes.



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## 6. ACCIDENTAL RELEASE MEASURES

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- Spills or Leaks** : Restrict access to area until clean-up is completed  
Wear PPE as per this SDS  
Create bund  
Absorb / contain waste, use earth, vermiculite, inert material  
Collect and seal in appropriate container  
Label the container  
Observe regulatory reporting requirements (Incident Notification)  
Protect drains from potential spills to minimise contamination.  
In the case of large spills contact the appropriate authorities.
- Disposal** : Dispose of in accordance with States, Local Government, EPA or related Regulations or Codes of Practice.

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## 7. HANDLING AND STORAGE

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- Handling** : Eye wash and safety shower to be available in the workplace.  
Wear PPE as per this SDS  
Compliant eyewash to be provided for external work.  
Observe good personal hygiene practices.  
Wash hands thoroughly after handling.  
Avoid contact with skin and eyes.  
Use only in well ventilated areas. Ensure Exposure Standard is not exceeded.  
Wear respiratory protection if vapours or spray or mist is present.  
No eating or drinking in the work area.  
Remove contaminated clothing before entering eating areas.  
Do NOT allow clothing wet with material to stay in contact with the skin.
- Storage** : 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.  
Store in original packaging as approved by manufacturer or regulatory direction.  
Provide spill kit.



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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure limits** : No value assigned for this specific material by Safe Work Australia.

**Emergency Limits** :

Components	CAS-No.	Type	Value
2-Ethylhexanoic Acid	149-57-5	TEEL-1	15 mg/m <sup>3</sup>
		TEEL-2	51 mg/m <sup>3</sup>
		TEEL-3	589 mg/m <sup>3</sup>

**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 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, or goggles 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. 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 or overalls where clothing is likely to be contaminated. Wear safety footwear or safety gumboots. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

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



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	:	Clear green or red liquid
<b>Odour</b>	:	Mild
<b>Solubility in Water</b>	:	Not Provided
<b>pH as supplied</b>	:	9.0
<b>Electrostatic Stability</b>	:	Not Provided
<b>Vapour Pressure</b>	:	Not Provided
<b>Vapour Density</b>	:	Not Provided
<b>Flash Point</b>	:	Not Provided
<b>Ignition Temperature</b>	:	Not Provided
<b>Melting Point</b>	:	Not Provided
<b>Boiling Point</b>	:	Not Provided
<b>Specific Gravity@ 15°C</b>	:	Not Provided
<b>Kinematic Viscosity cSt @ 40°C</b>	:	Not Provided
<b>cSt @ 100°C</b>	:	Not Provided
<b>Pour Point</b>	:	Not Provided

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	:	Stable under normal conditions.
<b>Hazardous Polymerization</b>	:	Will not occur.
<b>Materials to Avoid</b>	:	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	:	Thermal decomposition may result in the release of toxic and or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazardous Reaction</b>	:	Hazardous reaction with strong oxidising agents.
<b>Conditions to avoid</b>	:	Heat, open flames or other sources of ignition.

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## 11. TOXICOLOGICAL INFORMATION

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### ACUTE HEALTH EFFECTS

<b>Inhalation</b>	:	Mists or vapours may be irritating to eyes, nose, throat and lungs. Inhalation of vapours may cause drowsiness and dizziness.
<b>Ingestion</b>	:	Harmful if swallowed. Irritation of the gastro-intestinal tract may occur with nausea and vomiting.



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## 11. TOXICOLOGICAL INFORMATION (Continued)

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- Skin** : May cause moderate irritation from prolonged exposure  
Entry into the blood stream through Cuts, abrasions, puncture wounds or lesions may produce systemic injury with harmful effects  
May accentuate any pre-existing dermatitis condition.
- Eye** : May cause mild to moderate irritation.  
Repeated or prolonged eye contact may cause inflammation/ redness of the conjunctiva (conjunctivitis)

### CHRONIC HEALTH EFFECTS

- Chronic Effects** : Exposure to the material may cause concerns for humans owing to possible developmental toxic effects. Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.

### OTHER INFORMATION

Used coolants and inhibitors may contain harmful impurities and contaminates that can accumulate during usage. Frequent or prolonged contact with all types and makes of used coolants and inhibitors must therefore be avoided.

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## 12. ECOLOGICAL INFORMATION

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- Ecotoxicity** : No ecotoxicity studies have been done on this product.
- Persistence /Degradability** : Low
- Mobility** : No information available
- Bioaccumulation** : No information available
- Environmental Protection** : Prevent this material from entering the environment. Do NOT discharge into sewer or waterways.

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## 13. DISPOSAL CONSIDERATIONS

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Do not dispose down drains or to soil or landfill.  
Dispose of waste according to state E.P.A. regulations. Use a licensed waste contractor and assure conformity with all applicable regulations.



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## 14. TRANSPORT INFORMATION

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Not classified as Dangerous Goods 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  
**SUBSIDIARY HAZARD** : None Allocated  
**HAZCHEM CODE** : None Allocated  
**PACKING GROUP** : None Allocated

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## 15. REGULATORY INFORMATION

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**SUSMP** : Schedule 5

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## 16. OTHER INFORMATION

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**REFERENCES** : 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.  
TEEL – Temporary Emergency Exposure Limit

### 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 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.

End of Safety Data Sheet