

## LONG LIFE ORGANIC COOLANT

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

<b>Product Name</b>	Atlantic Long Life Organic Coolant
<b>Product Code</b>	SP-LONGLIFE
<b>Product Use</b>	Engine Cooling System Treatment
<b>Company Name</b>	Atlantic Lubricants Pty Ltd
<b>Address</b>	40 Liverpool Street, Ingleburn NSW 2565
<b>Telephone</b>	(02) 9829 7555
<b>Fax</b>	(02) 9829 4555
<b>Other Names</b>	
<b>Other Information</b>	

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Chemical entity	CAS number	Proportion
	Ethylene Glycol	107-21-1	>60%
	Denatonium Benzoate	3437-33-6	<1%
	Other ingredients determined not to be hazardous		to 100%

### 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.

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open for at least 15 minutes. Obtain medical attention if irritation continues.
<b>Skin Contact</b>	Wash skin with soap and water as soon as reasonably practicable. Remove contaminated clothing. Seek medical attention.
<b>Ingestion</b>	If a significant quantity has been swallowed, do not induce vomiting. Give 2 glasses of water. Seek medical attention.
<b>Inhalation</b>	If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.
	As with any chemical, exposure by ingestion, inhalation or contact with eyes or skin should be avoided by correct occupational practices.
<b>Advice to Doctor</b>	Treatment should in general be symptomatic and directed to relieving any effects.

**Atlantic Lubricants Pty Ltd** (ABN 67 088 335 059)

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## 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	Non flammable
<b>Extinguishing media</b>	Choice of extinguishing media should be made by what other materials are present.
<b>Fire and explosion Hazard</b>	Combustible – oxides of carbon may be evolved after evaporation of all the water.
<b>Special protective Equipment for fire fighting</b>	In case of fire, wear a full face self-contained breathing apparatus and protective suit

## 6 ACCIDENTAL RELEASE MEASURES.

<b>Personal Precautions</b>	Restrict access to area affected until clean-up is completed. Use personal protective equipment as detailed in section 8. Do not touch spilled material. Emergency equipment should be available. Notify appropriate authorities. Do not contaminate surface waters – depletion of oxygen in the water will occur.
<b>Environmental Precautions</b>	
<b>Clean up methods</b>	Soak up spilled material using sand or other suitable inert absorbent material. Place residues in a suitably marked sealed container. Protect drains from potential spills to minimise contamination. In the case of large spills contact the appropriate authorities.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Use with adequate ventilation. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact. Wear PVC or similar gloves.
<b>Storage</b>	Store only in original or approved containers. Store away from oxidisers.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

<b>Occupational Exposure Limits</b>	<b>Exposure Limits</b>				
		TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	PEAK/CEILING ppm	PEAK/CEILING mg/m <sup>3</sup>
<b>Ingredient name:</b>					
Ethylene glycol (vapour)	NOHSC	60	120		
Ethylene glycol	OSHA/PEL			50	125
<b>Engineering measures</b>	Local exhaust ventilation should be provided				
<b>Personal Protection</b>					
Eyes	Use chemical splash goggles.				
Skin	Wear standard protective clothing.				
Hands	Wear any impervious gloves.				
Respiratory	Respiratory protection is not generally needed. If ventilation is inadequate, use respirator that will protect against dusts and mists. Respiratory protection should conform to AS/NZS 1715 and AS/NZS 1716.				

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Odour</b>	Slight
<b>Boiling Point</b>	N/A,
<b>pH Value (33% sol'n)</b>	8.3-8.5
<b>Vapour Pressure</b>	N/A
<b>Physical State</b>	Liquid
<b>Colour</b>	Green / blue
<b>Density</b>	1.11-1.12

## 10. STABILITY AND REACTIVITY

<b>Hazardous Polymerisation</b>	Hazardous polymerisation reactions will not occur.
<b>Materials to Avoid</b>	Strong oxidizers
<b>Hazardous Decomposition Products</b>	Oxides of carbon
<b>Conditions to Avoid</b>	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use. This material is combustible after evaporation of the aqueous component.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY DATA

The following results are for Ethylene Glycol

Acute Oral Toxicity	LD50 (Rat) 4700mg/kg Lowest lethal dose (human) 786mg/kg Estimated lethal dose (human) 100 ml
Acute Dermal Toxicity	LD50 (Rabbit) 9530mg/kg
Acute Inhalation Toxicity	(Rat) >5mg/kg

### SENSITIZATION CHRONIC TOXICITY

This product is not expected to be a sensitizer  
Contains ethylene glycol. Repeated high ingested dosages of ethylene glycol in animal studies brain damage, kidney damage, degeneration of the liver and changes in blood chemistry. Similar effects may be caused in humans by repeated and/or prolonged exposure.

### CARCINOGENICITY TERATOGENICITY

This product does not contain any substances that are listed as carcinogens.  
Ethylene glycol has been shown to produce teratogenic effects in mice when high doses were administered by ingestion.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No ecotoxicity studies have been done on this product.
Persistence & degradability	Ethylene glycol is classified as "readily" biodegradable according to the guidelines of the OECD.
Bioaccumulation	Ethylene glycol does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.  
Dispose of product and container carefully and responsibly.  
Do not dispose of near ponds, ditches, down drains or onto soil.

## 14. TRANSPORT INFORMATION

U.N. Number	Not classified as a dangerous good according to the criteria of the ADG Code
Proper Shipping Name	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Packing Group	None Allocated

## 15. REGULATORY INFORMATION

**Hazardous according to the criteria of the National Health and Occupational Health and Safety Commission**

<b>Classification</b>	Harmful - Xn
<b>Risk Phrases</b>	R22 Harmful if swallowed
<b>Safety Phrases</b>	S2 KEEP OUT OF REACH OF CHILDREN S24/25 avoid contact with skin and eyes S37/39 wear suitable gloves and eye protection S45 in case of accident or if you feel unwell, seek medical advice immediately



# SAFETY DATA SHEET

## 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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