

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Anti Freeze
Product Code: ANT
Product Use: Degreaser for removing oil, grease and grime.
New Zealand Supplier: Car Clean Products NZ Limited
Address: 33 Ha Crescent, Wiri,
Auckland 2104
New Zealand
Telephone: 09 25000 91
Fax Number: 09 25000 92
Email: sales@pacer.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)
Date of MSDS Preparation: March 2024

Section 2. Hazards Identification

Classification: Specific target organ toxicity – single exposure Category 1
GHS Signal Word: DANGER
GHS Hazard Statements: H370 Causes damage to organs
GHS Pictogram:



Precautionary Statements:

Prevention:

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink, or smoke when using this product

Response:

- P308+P316 IF exposed or concerned: Get emergency medical help immediately.

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Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/international regulations.

Potential Health Effects:

Swallowed Hazardous causes kidney damage

Eyes Eye irritant.

Skin Skin irritant

Inhalation No data available. Not expected to be inhalational hazard at ambient temperature

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
1,2 – Ethanediol (ethylene glycol)	>80	107-21-1
Inhibitor	>5	not available
Sodium Hydroxide	>1	1310-73-2

Section 4. First Aid Measures

Routes of Exposure:

Eye Hold eyes open and flush with water.

Skin Wash with soap and water.

Ingestion Do not induce vomiting. Give large quantities of milk or water to drink. Seek medical attention immediately.

Inhalation Remove to fresh air. If breathing difficulties continue see medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing media Carbon dioxide, dry chemical powder, alcohol resistant foam, water spray, sand or earth

Fire and Explosion Carbon Monoxide and/or carbon dioxide.

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hazards

Fire Fighting
Instructions

Use proper protective equipment, notify authorities if liquid enters storm water drains.

Section 6. Accidental Release Measures

Land Spill or Leaks Small spills or leaks absorb with sand, sawdust or vermiculite (kitty litter). Sweep or brush into waste container. Use large quantity of water to clean residue.
Contain large spill or leak with sand-filled bags or 'sausage' . Pump or shovel into clean container for reuse if possible or dispose to an approved landfill. Use large quantity of water to clean residue.

Section 7. Handling and Storage

Handling Advice: Use only in well-ventilated areas.

Storing Procedures: Keep containers closed at all times - check regularly for leaks.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Nothing specific.

Personal Protective Equipment: Normal industrial ventilation. Wear goggles to protect eyes, chemical apron and rubber gloves to protect the skin.

Section 9 Physical and Chemical Properties

Appearance	Green liquid
Odour:	Odourless
Odour threshold	Data not available
PH:	alkaline
Melting/Freezing Point	<0C
Initial Boiling point, °C :	195-204
Flash Point by PMCC :	116°C
Flammability	Data not available
Upper/Lower flammability	Data not available
Vapour Pressure@ 25°C, mmHg	<10

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Vapour Density	Data not available
Relative Density	Data not available
Solubilities	Water
Partition Coefficient	Data not available
Auto-ignition Temperature	Data not available
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Toxicological Information	Lethal dose in humans about 1.4 ml /kg body weight (as 100% ethylene glycol)
Acute Oral Toxicity	LD ₅₀ RAT 8540 mg / kg body weight
Acute Dermal Toxicity	LD ₅₀ RAT > 2000 mg/kg
Ingestion	Slightly hazardous. Affects kidneys
Skin Irritation	Slightly irritating
Eye Irritant	Moderate eye irritant
Inhalation	No data available. Not expected to be inhalational hazard at ambient temperature
Long term Effects	Hazardous if ingested in small quantities over time

Section 11 Toxicological Information

Acute Oral Toxicity	Acute oral LD ₅₀ (rat) expected to be above 5000 mg/kg..
Acute Dermal Toxicity	LD ₅₀ Rabbit > 3000 mg / kg bw.
Inhalation	Acute inhalational LC ₅₀ (rat) expected to be > 5 mg/l.

Section 12. Ecotoxicological Information

Environmental Precautions:	
Ecological Toxicity:	Nontoxic to aquatic organisms and organisms in sewage treatment plants. Poses a significant risk of oxygen depletion in aquatic systems.
Environmental Fate:	
Soil	Biodegradable. Does not bio accumulate significantly.



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Water Biodegradable.
 Environmental Exposure Limits: EEL_{water} Not set.

Section 13. Disposal Considerations

Disposal Methods Flush area with plenty of water. Transfer contaminated material to a sealed container labelled “hazardous waste” for disposal to approved landfill.

Section 14 Transport Information

Road, Rail, Marine and Air Transport:

UN No : Not applicable
 DG Class : Not applicable
 Packing Group : Not applicable
 Shipping Name : Not applicable

Section 15 Regulatory Information

HSNO approval code: HSR002606 Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2020

Section 16 Other Information

Supplied in 4lt, 20lt, 200lt. Code: ANT4, ANT20, ANT9

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited, Phone: 09 250 0091, if further information is required.



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ANTIFREEZE

PURPOSE:

Antifreeze and Coolant protects against the corrosion of all cooling system metals, including aluminium. It helps the cooling system in hot weather by increasing the boiling point and protects the system against freezing down to -36°C . Not recommended for use in large trucks.

DIRECTIONS:

For best results flush the cooling system first. Pre-mix 50% Antifreeze with 50% water in a clean container and then add the mixture to the vehicle radiator. If in doubt consult your vehicle handbook.

WARNING:

Harmful if swallowed or absorbed through the skin.

KEEP OUT OF REACH OF CHILDREN