



# SAFETY DATA SHEET

## Section 1: Identification of the Substance/Mixture and of the Supplier

**Product Name:** MAXTREAT STANDARD ANTIFREEZE  
**Proper Shipping Name**  
**Recommended use:** Engine & Refrigeration Coolant  
**Company Details** Marketing Chemicals Ltd  
**Address:** 7/343 Church Street , Penrose,  
Auckland. New Zealand  
**Telephone:** +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]  
**Fax:** +64 9 634 3864  
**Emergency Telephone:** +64 274 736008(24 hours)  
National Poison Centre(24 hours): 0800 POISON [ 764 766]  
**Date of preparation** 16 October 2008

## Section 2: Hazard Identification



### DANGER:

- Causes damage to organs through prolonged or repeated exposure
- May be harmful if swallowed.
- Causes eye irritation.
- Harmful to terrestrial vertebrates.

HSNO Approval Number: Group Standard is HSR002684.

### Prevention:

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.

## Section 3: Composition/Information on Ingredients

Name	% by Wt.	CAS Number
Mono Ethylene Glycol	> 80%	107-21-1
Corrosion Inhibitor	> 6%	86-54-4
Fluorescent Dye	<1%	
Water	Balance	7732-18-5

=====

## Section 4: First Aid Measures

<b>Eyes:</b>	If medical advice is needed, have product container or label at hand. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin:</b>	Get medical advice/attention if you feel unwell.
<b>Ingestion:</b>	Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.
<b>Inhalation:</b>	Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

## Section 5: Fire Fighting Measures

<b>Flash Point:</b>	127 <sup>o</sup> C Degrees
<b>Auto ignition Temperature:</b>	Not available
<b>Flammable Limits in Air % by Volume:</b>	Not available
<b>Extinguishing Media:</b>	All
<b>Fire Fighting Instructions:</b>	
<b>Unusual Fire and Explosion Hazards:</b>	Carbon monoxide

## Section 6: Accidental Release Measures

Do not release into waterways.

## Section 7: Handling And Storage

<b>Handling &amp; Storage:</b>	Wash thoroughly after handling. Do not get in eyes. Do not breathe vapour or fumes. Protect from physical damage. Clean up all spills immediately to prevent secondary accidents.
--------------------------------	---

## Section 8: Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	General (mechanical) room ventilation is considered satisfactory in enclosed spaces.
<b>Eye / Face Protection:</b>	Safety Glasses/Full face masks
<b>Body Protection:</b>	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
<b>Respiratory Protection:</b>	
<b>Exposure Limits:</b>	Ethylene Glycol : ACGIH_TLV : 100 mg/m3

=====

## Section 9: Physical And Chemical Properties

Appearance	Fluorescent Green Liquid
pH	8.0
Specific Gravity	1.01
Vapour Pressure	Not available
Vapour Density	Not available
Solubility in water	Complete
% Volatiles	Not available
Evaporation Rate	Not available

## Section 10: Stability And Reactivity

<b>Stability of the Substance:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	
<b>Materials to avoid:</b>	strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Aldehydes (Elevated temperatures)
<b>Conditions Contributing to Hazardous Polymerization</b>	Hazardous Polymerization: Hazardous polymerization will not occur

## Section 11: Toxicological Information

<b>Eyes:</b>	SPECIES: Rabbit ;RESULTS: Moderately irritating
<b>Skin:</b>	
<b>Ingestion:</b>	SPECIES: Cat ;ENDPOINT: LD50 ;VALUE: 2087 mg/kg bw
<b>Inhalation:</b>	

## Section 12: Ecological Information

SPECIES: Cat ;TYPE OF EXPOSURE:  
ENDPOINT: LD50; VALUE: 1670 mg/kg bw

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

=====

## Section 14: Transport Information

Not regulated as hazardous for transportation

**UN No:**

**Proper Shipping Name:**

**Dangerous Goods Class:**

**Subsidiary risk**

**Packing Group:**

**Hazchem Code:**

## Section 15: Regulatory Information

**HSNO Approval No:** HSR002684

**Group Standard:** Water Treatment Chemicals (Subsidiary Hazard)

**HSNO Classes:** 6.1E, 6.4A, 6.9A, 9.3C

## Section 16: Other Information

**New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]**  
**New Zealand Emergency Services: 111**

**For General Information:** John Crombie, Manager, Marketing Chemicals Ltd,  
Phone: +64 (09) 634 3862 / +64 (0)27 473 6008  
Fax : +64 (09) 634 3864

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.

=====