



## Ingredients:

Chemical Name	CAS Number:	Proportion:
1,2 Ethaediol	[ 107-21-1]	<33%

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## HEALTH HAZARD INFORMATION

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### Health Effects:

#### Acute

<b>Swallowed:</b>	Harmful Fatal dose for humans approx 100ml Oral LD50 = 8540 mg/kg Rat
<b>Eye:</b>	Moderately irritative
<b>Skin:</b>	May cause irritation to intact skin on prolonged/ repeated contact Dermal LD50 = Not available.
<b>Inhaled:</b>	Irritant to mucous membranes and respiratory tract Inhalation LC50 = Not available.

**Chronic** Not data available

### First Aid

<b>Advice</b>	For advise, contact a Poisons Information Centre (Phone eg. Australia 13 11 26; New Zealand 03 4747 000 [Not after May 2005] or 0800 764 766 or a doctor at once).
<b>Swallowed</b>	If swallowed, do NOT induce vomiting.
<b>Eyes</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

### Safety Points

Avoid contact with eyes  
Avoid contact with skin  
Avoid breathing dust (or) vapour (Or) spray mist.

## Advice to Doctor:

Gastric lavage is indicated if significant quantities have been ingested in the previous 4 hours. Ethylene glycol is metabolised to Oxalic acid. Oxalic acid will cause acidosis and will bind circulating calcium, leading to hypocalcaemia with tetany and renal failure from oxalate precipitation.

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## PRECAUTIONS FOR USE

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<b>Exposure Standards:</b>	Air : 1-00 pm
<b>Engineering Controls:</b>	Ventilation required to keep levels below standards.
<b>Personal Protection:</b>	No data available.
<b>Flammability:</b>	Keep away from heat sources. Keep away from ignition sources. No smoking.

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## SAFE HANDLING INFORMATION

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<b>Storage and Transport:</b>	Separate by > 12m if transporting, or >5m if storing from : D.G. Class 5.1 Material (oxidising agents)
	Packaging/Labelling
	U.N. No: N/A      Class: C1      Subs Risk:      Hazchem Code: N/A
	Pack Group:N/A      EPG No: N      Shipping Name: Coolant
<b>Spills and Disposal:</b>	Spills - Call Fir Brigade immediately, dial 000. Evacuate Area – move upwind. Contain with sand or dirt. For large spills pump into steel drums Disposal (after treatment above) - Dissolve in water. Observe all Federal State & Local regulations before you dispose of the material.
<b>Fire/Explosion Hazard:</b>	Explosive if ignited. No Data available

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## OTHER INFORMATION

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Experimental studies have shown that ethylene glycol is non-genotoxic and have provided no evidence of carcinogenic potential.

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## CONTACT POINT

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ORGANISATION	TELEPHONE	ASK FOR
Poisons Information Centre – Australia Wide	131126	
Eazygleam Products Pty Ltd	+61-(0)7-3274 2593	Andrew Gilbert
Fire Brigade	000	Fire Brigade
Police	000	Police

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