



Version :1 - 2

**Material Safety Data Sheet in accordance with Safe Work Australia COP  
Preparation of Safety Data sheets for Hazardous Chemicals 2011 &  
New Zealand HSNOCOP 8-1 2006**

HSNO Class	GHS Class	SIGNAL WORD	Hazard Statement
6.1D	Acute Toxic Oral: Cat 4	WARNING	H302 Harmful if swallowed
6.3A	Skin corr/irr't: Cat 3	WARNING	H315 Causes skin irritation
6.5B	Skin Sensitise Cat 1	WARNING	H317 May cause an allergic skin reaction

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8.3A	Eye damage/ irr't: Cat 1	DANGER	H318 Causes serious eye damage.
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**Label elements**



**DANGER**

**Precautionary Statements:**

- P261 Avoid breathing fume/ mist/ vapours/ spray.
- P264 Wash hands and exposed areas thoroughly after handling.
- P270 Do not eat drink or smoke when using this product.
- P272 Contaminated clothing should not be allowed out of the workplace.
- P280 Wear protective gloves. Wear eye/face protection.
  
- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
- P330 Rinse mouth.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
- P363 Wash contaminated clothing before reuse.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- P310 Immediately call a POISON CENTRE or doctor/ physician.
  
- P501 Dispose of product and packaging as a hazardous waste.

### 3. Composition/information on ingredients

**Chemical characterization**

Aqueous solution

**Hazardous ingredients**

Component		Proportion
Sodium 2Hydroxyethanethiolate	37482-11-4	<10%
(C10-C16) Alcohol	9004-82-4	<5%

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ethoxylate, sulphated, sodium salt		
Non hazardous diluent		>60%

**4. First aid measures****After contact with skin**

Wash with plenty of soap and water. If skin irritation occurs get medical advice/ attention. Take off contaminated clothing and wash before re-use.

**After contact with eyes**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE or doctor/ physician..

**After inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

**After ingestion**

Call a POISON CENTER or doctor/ physician if you feel unwell.

**Advice to doctor**

Treat symptomatically.

**5. Fire-fighting measures****Suitable extinguishing media**

Water fog, fine water spray, foam or dry agent.

**Extinguishing media that must not be used for safety reasons**

None specified.

**Special protective precautions and equipment for fire fighters**

Firefighters should use self-contained breathing apparatus and protective clothing in case of fire.

**6. Accidental release measures****Environmental precautions**

Do not allow to enter drains, sewers or other aquatic environments.

**Methods for cleaning up/taking up**

Contain any spillage and either transfer by mechanical means or take up with absorbent and dispose of safely. Do not flush away residues with water. Retain as contaminated waste. Consider recycling.

**Additional information**

Ensure adequate ventilation. Personnel involved in clean-up require adequate respiratory, skin and eye protection. The area in which the spill has occurred will be slippery. Shut off all possible sources of ignition.

**7. Handling and storage****Advice on safe handling**

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Not expected to be a hazard when used under normal conditions.

Provide good ventilation of working area

Avoid direct contact with the substance.

**Conditions for safe storage**

Keep containers tightly closed. Avoid Temperatures extremes.

## 8. Exposure controls / personal protection

**National exposure standards**

**National Occupational Health and Safety Commission, Worksafe Australia Exposure Standards:**

No exposure standard has been established for this product.

**New Zealand Workplace Exposure Standards:**

No exposure standard has been established for this product.

**Occupational exposure controls**

**Engineering Controls**

Provide good ventilation of working area, local exhaust ventilation may be necessary if excessive work place vapour or fumes.

**Hygiene measures**

Avoid contact with eyes and skin

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

**Respiratory protection:**

Use breathing apparatus in the event of vapour / mist formation or insufficient ventilation.

**Hand protection:**

Suitable protective gloves

**Eye protection:**

Safety glasses.

**Body protection:**

Wear chemically resistant and protective clothing.

## 9. Physical and chemical properties

**Form:**

Liquid

**Colour:**

Clear yellow

**Boiling point:**

<100°C

**Flash point:**

NA

**Flammability :**

Non flammable

**Solubility:**

Soluble in water.

**pH:**

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**Density:**

No Data

**Explosive properties :**

No Data

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**Oxidizing properties :** No Data  
**Viscosity:** No Data

## 10. Stability and reactivity

**Stability:**

The product is stable when used as prescribed.

**Thermal decomposition:**

No decomposition if used as prescribed.

**Hazardous decomposition products:**

None expected under normal use conditions.

**Possibility of hazardous reactions**

When used and handled as intended, none. This product represents a minimum fire hazard. Product will burn when exposed to flame or extreme heat.

## 11. Toxicological information

<b>Acute oral toxicity:</b>	LD <sub>50</sub> 1712mg/kg (calculation method)
<b>Acute dermal toxicity:</b>	LD <sub>50</sub> > 5000mg/kg (calculation method)
<b>Acute inhalation toxicity:</b>	LC <sub>50</sub> > 5000mg/kg (calculation method)
<b>Irritant effect on skin:</b>	Causes skin irritation.
<b>Irritant effect on eyes:</b>	Causes serious eye damage.
<b>Sensitisation effects:</b>	Contains sensitizing components. May cause an allergic skin reaction
<b>Mutagenic effects:</b>	Not mutagenic
<b>Carcinogenic effects:</b>	Not carcinogenic

## 12. Ecological information

<b>Acute Toxicity Fish :</b>	No data available No expected to be harmful to aquatic life based on calculation method.
<b>Biodegradability :</b>	No data available on biodegradability
<b>Bioaccumulation:</b>	No data on potential for bioaccumulation

## 13. Disposal considerations

**Product**

Do not discharge into drains or the environment.

Dispose of in accordance with local authority regulations

**Un-cleaned packaging**

Consider recycling.

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**14. Transport information****Land : ADG**

Not Classified as dangerous for transport

**Land : NZS5433**

Not Classified as dangerous for transport

**Air : IATA**

Not Classified as dangerous for transport

**Sea : IMDG**

Not Classified as dangerous for transport

**15. Regulatory information****HSNO Approval Number:** HSR002530 <http://www.epa.govt.nz/Publications/gs-cleaning-subsidiary-hazard.pdf>**Tracking:** Not required**Approved Handler:** Not required**Poison Schedule (SUSMP):** None allocated**National Chemical Inventories****AICS:** All components have been checked on the Australian Inventory of Chemical Substances.**NZIoC:** All components are listed on the New Zealand Inventory of Chemicals.**16. Other information**

This MSDS 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 should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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.

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