

**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**

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 ethoxylate, sulphated, sodium salt	9004-82-4	<5%
Non hazardous diluent		>60%

4. First aid measures

After contact with skin

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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

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

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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:	7
Density:	No Data
Explosive properties :	No Data
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.

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11. Toxicological information

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

12. Ecological information

Acute Toxicity Fish :	No data available No expected to be harmful to aquatic life based on calculation method.
Biodegradability :	No data available on biodegradability
Bioaccumulation:	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.

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

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15. Regulatory information

HSNO Approval Number: HSR002530 <http://www.epa.govt.nz/Publications/gs-cleaning-subsiary-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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