



# MATERIAL SAFETY DATA SHEET

**PRODUCT:** SONIC 8

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## Company Details

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## Identification

**Name of Product:** SONIC 8  
**Product Code:** CH-S820  
**UN Number:** 1760  
**Packing Group:** 111  
**Hazchem Code:** 2X  
**DG Class:** 8  
**Proper Shipping Name:** Corrosive Liquid, N.O.S.  
**Poisons Schedule:** S5  
**Product Use:** Diluted with water to clean oil and dirt from hard surfaces by spray wash, water blasting or soak tank.

## Physical Data

**Appearance:** Clear, brown solution with slight amine odour  
**Boiling Point:** 100°C  
**Vapour Pressure:** Not available  
**Specific Gravity:** 1.16  
**Flash Point:** Not applicable  
**Flamm. Limit LEL:** Not applicable  
**Flamm. Limit UEL:** Not applicable  
**Solubility in Water:** Soluble

## Other Properties

**Corrosiveness:** Corrosive to aluminium  
**Volatile Component:** 76%  
**pH Value:** 12 (1 % solution)  
**Stability:** Stable under normal conditions of use  
**Haz. Polymerization:** Will not occur  
**Materials to Avoid:** Strong oxidising agents

## Ingredients

Name:	CAS	Proportion
Monoethanolamine	141-43-5	0-10%
Alkaline salts	Proprietary	0-10%

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Sodium hydroxide 1310-73-2 0-2%  
 Other ingredients determined not to be hazardous Balance

## Health Hazard Information

### Health Effects:

Acute - Swallowed Will cause irritation and chemical burns to the mouth, oesophagus and stomach. Symptoms will include nausea, vomiting and severe abdominal pains.

Acute - Eye Will cause severe irritation and chemical burns in contact with the eyes. Risk of serious damage to eyes which can result in permanent eye damage or blindness.

Acute - Skin Will cause severe irritation and possible chemical burns in contact with the skin. Symptoms can include redness, itching, stinging and possible tissue damage.

Acute - Inhaled Inhalation of vapours or mists will result in severe irritation and possible chemical burns to the mucous membrane and upper airways. Symptoms can include nausea, coughing, breathing difficulties and pulmonary oedema.

Chronic Repeated or prolonged exposure to this material will result in severe irritation and chemical burns to the skin. Inhalation of vapours or mists may result in possible damage to the upper respiratory tract.

### First Aid:

Swallowed: DO NOT induce vomiting. Immediately wash out mouth with water, and then give plenty of water to drink. SEEK IMMEDIATE MEDICAL ATTENTION.

Eye: If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. SEEK IMMEDIATE MEDICAL ATTENTION.

Skin: Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If contact is more than of a minor nature SEEK MEDICAL ATTENTION.

Inhaled: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If irritation develops SEEK IMMEDIATE MEDICAL ATTENTION.

First Aid Facilities: Safety showers, eye wash and normal washroom facilities.

Advice to Doctor: Treat symptomatically

## Other Health Hazard Information

### Precautions for Use

Exposure Limits:

Name	STEL		TWA		Notes
	Mg/m3	ppm	mg/m3	ppm	
Monoethanolamine	15	6	7.5	3	Peak limitation
Alkaline salts	-	-	-	-	
Sodium hydroxide			2		

Other Exposure Information:

- Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms: time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).
- Eng. Controls: Natural ventilation should be sufficient, however where vapours or mists are generated the use of a local exhaust ventilation system is recommended.

## Personal Protection

Respirator Type	No special respiratory protection required under normal conditions of use. However (AS 1716) where vapours or mists are generated the use of an Air Purifying Respirator with an Acid Gas filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.
Eye Protection:	Where splashing is likely, the use of face shields, chemical goggles or safety glasses with side shield protection is recommended.
Glove Type:	The use of Nitrile or Neoprene gloves is recommended
Clothing:	The use of plastic apron, sleeves, overalls, and rubber boots is recommended.

## Flammability

Fire Hazards: Non flammable or combustible liquid.

# Safe Handling Information

## Storage and Transport

Storage:	Store in a cool, dry area out of direct sunlight. Avoid contact with incompatible
Precautions:	materials that support combustion, such as strong oxidising agents.
Transport:	This material is a Class 8 Corrosive Substance according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 8 – Corrosive Substances are incompatible in a placard load with any of the following: <ul style="list-style-type: none"><li>● Class 1, Explosives</li><li>● Class 4.3, Dangerous When Wet Substances</li><li>● Class 5.1, Oxidising Agents &amp; Class 5.2 – Organic Peroxides</li><li>● Class 6, Toxic Substances (where the Toxic substances are cyanides and the corrosives are acids),</li><li>● Class 7, Radioactive Substances</li></ul> and are incompatible with food and food packaging in any quantity.
Storage Regulations:	This material is a SCHEDULED (S5) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.
EPG Number:	8A1
IERG Number:	37
Packaging Method:	5.9.8

## Spills and Disposal

Spills and Leaks:	SMALL – 20 LITRES OR LESS <ul style="list-style-type: none"><li>● Soak up on inert absorbent and arrange for disposal through an approved facility.</li></ul> LARGE – GREATER THAN 20 LITRES <ul style="list-style-type: none"><li>● Contain as soon as possible. Remove by best means available and arrange recycling (preferred) or disposal through an approved facility.</li></ul>
Disposal:	<ul style="list-style-type: none"><li>● Disposal of this material should be undertaken by a registered chemical disposal company.</li><li>● This material must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority.</li></ul>

## Fire/Explosion Hazard

Fire Fighting:	Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective
Precautions:	clothing to minimize skin exposure.
Extinguishing Media:	Use appropriate fire extinguisher for surrounding environment
Hazchem Code:	2X

# Other Information

Toxicology No toxicity data is available for this product

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Environ.Protection:

- Prevent this material entering waterways, sewers or drains
- Risk Statement: R34 Causes burns.
- R41 Risk of serious damage to eyes

Safety Statement:

- S2 Keep out of reach of children
- S23 Do not breathe gas/fumes/vapour/spray
- S24/25 Avoid contact with skin and eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36 / 37 / 39 Wear suitable protective clothing, gloves and eye/face protection.
- S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Hazard Category: Corrosive

**Contact Point**

For information concerning details on this Safety Data Sheet contact (08) 8234 8398

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