

Sheen

1: Identification of the Material and Supplier

Product Identifier	Sheen		
Other Means of Identification	None allocated		
Recommended Use	Premium grade liquid in-place cleaner		
Supplier	Organisation	Location	Contact Information
	Chemform Pty Ltd ABN: 50 008 905 119	7 Kirke St Balcatta WA 6021 Australia	Phone: (08) 9240 7444 Fax: (08) 9344 4360 E-Mail: admin@chemform.com.au Web: www.chemform.com.au
Emergency Phone Number	Poisons Information Centre (Australia) 13 11 26		

2: Hazard Identification

Classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a dangerous good according to Australian Dangerous Goods Code.

GHS Classification	Skin Corrosion (Category 1) Eye Damage (Category 1)
Signal Word	Danger
Hazardous Statement(s)	Causes severe skin burns and eye damage

Precautionary Statement(s) Wear protective eyewear, gloves and clothing. Wash hands thoroughly after handling. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTRE or doctor. Store locked up. Dispose of contents in accordance with local regulations.

3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion
Sodium Hydroxide	1310-73-2	30-60%
Non-hazardous ingredients		To 100%

4: First Aid Measures

General	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor (at once).
Ingestion	If swallowed, do NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water, first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention urgently.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (Australia 13 11 26) or by a doctor, or for at least 15 minutes.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhalation	If swallowed or inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area.
Symptoms Caused by Exposure (Chronic)	Prolonged or repeated contact may lead to dermatitis and necrosis
Medical Attention and Special Treatment	Treat symptomatically.

5: Fire Fighting Measures

Suitable Extinguishing Equipment	Extinguish fire using agent suitable for type of surround fire (material itself is not combustible). Use foam, dry chemical or carbon dioxide.
Specific Hazards Arising from the Chemical	When heated to decomposition will produce irritating fumes.
Special Protective Equipment and Precautions for Fire Fighters	The following protective equipment for fire fighters is recommended when this material is present in the area of a fire; chemical goggles, body covering protective clothing, chemical resistant gloves and rubber boots.
Hazchem Code	2R

6: Accidental Release Measures

Personal Precautions	Evacuate all personnel. Use suitable protective equipment	
Environmental Precautions	Seek disposal options by a licensed waste contractor	
Spills and Disposal	Small Spills Mop or wipe up with paper towel and dispose of in rubbish. Wash down surface with water.	Large Spills Contain spill. Collect and seal in properly labeled drums. Wash area with water. Seek disposal options by a licensed waste contractor.

7: Handling and Storage

Precautions for Safe Handling	Minimise direct contact with product.
Conditions for Safe Storage	Always replace lid on container after use.

8: Exposure Controls – Personal Protection

National Exposure Standards	TWA of 2mg/m ³ as Sodium Hydroxide
Engineering Controls	Avoid generation and inhalation of mists and aerosols
Individual Protection	
Eyes/Face	Safety glasses
Hands	Rubber gloves
Skin	Long sleeve shirt and chemical resistant boots
Respiratory	Respirator if generation of mists

9: Physical and Chemical Properties

Appearance	Slightly cloudy liquid
Odour	Nil
pH	11.5-12.5 (1% solution)
Vapour Pressure	Not relevant
Vapour Density	Not relevant
Flash Point	Not relevant
Flammability Limits	Not applicable
Boiling Point	Not applicable
Melting Point	Not relevant
Specific Gravity	1.3 – 1.4
Solubility	Soluble in water

10: Stability and Reactivity

Chemical Stability	The product is stable under normal conditions
Possibility of Hazardous Reaction	None known
Conditions to Avoid	Avoid extreme heat and high temperatures
Incompatible Materials	Avoid contact with strong oxidisers and aluminium
Hazardous Decomposition Products	No hazardous reactions when stored and handled according to instructions

11: Toxicological Information

Ingestion	Oral LD50 (rat): >: 125mg/kg (product). Ingestion causes severe damage to the mucous membranes or other tissue with which contact is made. It can cause perforation and scarring.
Eye	Draize test, rabbit, eye: 75 ug/24 hr Severe (product). Highly corrosive to eyes. May cause conjunctivitis, corneal burns and ulceration. Permanent eye damage, including loss of sight, may occur.
Skin	Draize test, rabbit, skin: 757 mg/24 hr Severe (product). Highly corrosive to skin. Irritant dermatitis may result from working with this material. Produces burns, deep ulceration and gelatinous necrotic areas at the site of contact. Skin contact can result in little or no pain thus contamination of gloves or boots can be very damaging.
Inhalation	Not considered a feature of normal use. Inhalation of sprays or mists will result in respiratory irritation and possible harmful corrosive effects including lesions of nasal septum, pulmonary oedema, pneumonitis and emphysema.

12: Ecological Information

Ecotoxicity	Goldfish (<i>Carassius auratus</i>) LC50 (24 hr) 231 mg/L (product) Guppy (<i>Poecilia reticulata</i>) LC50 (24 hr) 219 mg/L (product)
Persistence/Degradability	Not expected to persist in the environment. Will degrade in the environment.
Bio-accumulative Potential	Has no potential to bio-accumulative
Mobility in Soil	No data available

13: Disposal Considerations

Disposal Methods	Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities. Dispose of via licensed waste disposal carriers.
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14: Transport Information

UN Number	1824
Shipping Name	Sodium hydroxide solution
Class	8
Subsidiary Risk	None allocated
Packing Group	II
Special Precautions For Users	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage
Hazchem Code	2R
IERG Number	37

15: Regulatory Information

Packaging & Labelling	This product is a Scheduled Poison (S6) and therefore must be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	May 2010
Changes Made	Updated precautionary statements and add toxicological information.
References	Australian Dangerous Goods Code Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP) Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations (April 2012)
Contact Person/Point	Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
Legal Disclaimer	The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET