

Safety Data Sheet



Tempo

1: Identification of the material and supplier

Names

Product Name: Tempo
Other Names: None allocated
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
www.chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 11 26
Recommended Use: Chlorine disinfectant

2: Hazardous Identification

Statement of Hazardous & Dangerous Nature: Classified as HAZARDOUS according to the criteria of Safe Work Australia and classified as a NON-DANGEROUS GOOD according to criteria of the Australian Dangerous Goods Code.

Hazard Classification: Xi – Irritant

Risk Phrase(s): R31 - Contact with acids liberates toxic gas.
R36/38 - Irritating to eyes and skin.

Safety Phrase(s): S1/2 - Keep locked up and out of reach of children.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 - In case of accident or if you feel unwell, seek medical advice immediately.

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Sodium Hydroxide	1310-73-2	<10%
Available chlorine as Sodium hypochlorite	7681-52-9	<10%
Non Hazardous Ingredients		to 100%

4: First Aid Measures

General: If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 13 11 26)

Ingestion: If swallowed, rinse mouth out immediately and give plenty of water to drink. Induce/Do not vomit. Seek medical attention urgently.

Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhalation: Remove affected person to fresh air and keep calm. Seek medical attention if symptoms persist.

Advice to Doctor: Treat symptomatically

First Aid Facilities: Fresh water, soap, eyewash.

Long Term Effects: None known.

5: Fire Fighting Measures

General Comment:	The product is non combustible.
Specific Hazards:	The product is a strong alkali and will react with aluminium to produce hydrogen, a flammable gas.
Hazchem Code:	Not Applicable

6: Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Wear protective eyewear, gloves, overalls, and chemical resistant safety boots.
Spills and Disposal:	Prevent the spill from entering the environment. Contain the spill then absorb with sand or attapulgate. Sweep up and place in suitably labelled containers for disposal.

7: Handling and Storage

Handling:	Minimise direct contact with product.
Storage:	Always replace lid on container after use.
Hygiene Measures:	Always wash hands before eating, drinking, smoking or using the toilet.

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.
Personal Protection:	
Eyes:	Chemical goggles
Hands:	Chemical resistant gloves
Skin:	Overalls and chemical resistant boots

9: Physical and Chemical Properties

Appearance:	Yellow Liquid
Odour:	Bleach
pH (1% w/w):	11.0
Vapour Pressure:	Not known
Vapour Density:	Not known
Boiling Point:	Not relevant
Melting Point:	Not relevant
Solubility:	Completely soluble in water
Specific Gravity:	1.0 – 1.1

10: Stability and Reactivity

Chemical Stability: The product may decompose slowly and release toxic chlorine gas especially if stored outside in the direct sunlight.

Conditions to Avoid: Always add product to water.

Incompatible Materials:

Hazardous

Decomposition

Products: Release of chlorine gas on contact with acids.

Hazardous Reaction: Reacts violently with acids liberating heat and toxic chlorine gas

11: Toxicological Information

Ingestion (acute): (Rabbit): 125 mg/kg
LD50 Oral: (Mouse): 40 mg/kg (as sodium hydroxide)

Eye (acute): Eye irritant. Corrosive to eyes.

Skin (acute): Skin: Rabbit 500 mg/24 hours: Severe

Inhalation (acute): Not considered a feature of normal use. Inhalation of sprays or mists will result in respiratory irritation and possible harmful corrosive effects.

Chronic Effects: Repeated or prolonged skin contact can cause chronic dermatitis.

12: Ecological Information

Environmental Protection: This substance may be hazardous to the environment

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.

14: Transport Information

UN Number: Not applicable

UN Proper Not applicable

Shipping Name: Not applicable

Class: Not applicable

Subsidiary Risk: Not applicable

Packing Group: Not applicable

Special Precautions Ensure containers are clearly labeled. Keep containers securely sealed and protected
For users: against physical damage.

Hazchem Code: Not applicable

IERG Number: Not applicable

15: Regulatory Information

Packaging & Labelling: This product is a schedule 5 poison (Caution) in accordance with the relevant State Poisons Act. Defined as not a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By: Brett Amos

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Change Made: Product is classified as hazardous

References: Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

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