

# Safety Data Sheet

## Safechlor

### 1: Identification of the material and supplier

#### Names

Product Name: Safechlor  
Other Name: 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](mailto:admin@chemform.com.au)  
Emergency Telephone: Poisons Information Centre (Australia) 13 1126  
Recommended Use: Bleach, destainer, sanitizer in powdered form

### 2: Hazardous Identification

**Statement of Hazardous/ Dangerous Nature:** Classified as hazardous according to the criteria of Safe Work Australia and classified as non dangerous goods according to Australian Dangerous Goods Code.

**Hazard Classification:** Xn Harmful

**Risk Phrases:**  
R22 Harmful if swallowed.  
R31 Contact with acids liberates toxic gas.  
R36/37 Irritating to eyes and respiratory system.

**Safety Phrases:**  
S2 Keep out of reach of children.  
S8 Keep container dry.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S41 In case of fire and/or explosion, do not breathe fumes.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S60 This material and its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets

### 3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Sodium dichloroisocyanurate	2893-78-9	10-30% w/w
Non hazardous ingredients		To 100%

## 4: First Aid Measures

<b>Ingestion:</b>	If person is conscious, rinse mouth thoroughly with water immediately and give water or milk to drink. Do not induce vomiting. Seek urgent medical attention.
<b>Eye:</b>	If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek urgent medical attention.
<b>Skin :</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhaled:</b>	Remove person to a well ventilated area. Keep warm and at rest.
<b>Long Term Effects (chronic):</b>	Prolonged or repeated contact may lead to dermatitis and necrosis.
<b>Advice to Doctor:</b>	None.
<b>First Aid Facilities:</b>	Eye wash station, running water

## 5: Fire Fighting Measures

<b>General Comment:</b>	The product is non combustible.
<b>Specific Hazards:</b>	This product reacts with acids to liberate very toxic chlorine gas.
<b>Hazchem Code:</b>	Not allocated

## 6: Accidental Release Measures

<b>Personal Precautions:</b>	Keep unnecessary personnel away. Wear protective eyewear, gloves, overalls, and chemical resistant safety boots.
<b>Spills and Disposal:</b>	Prevent the spill from entering the environment. Sweep up and place in suitably labelled containers for disposal.

## 7: Handling and Storage

<b>Handling:</b>	Minimise direct contact with product. Use only clean, plastic containers when measuring, dispensing or using the product.
<b>Storage:</b>	Store in a cool and well ventilated area. The product decomposes and releases chlorine slowly. However if stored in sunlight and heat the product decomposes rapidly. Store away from acids and oxidizing materials.
<b>Hygiene Measures:</b>	Always wash hands before eating, drinking, smoking or using the toilet.

## 8: Exposure Controls – Personal Protection

<b>National Exposure Standards:</b>	None established for the product. TWA for chlorine gas is 3.0mg/m <sup>3</sup>
<b>Engineering Controls:</b>	Use in open or well ventilated areas.
<b>Personal Protection:</b>	
<b>Eyes:</b>	chemical goggles
<b>Hands:</b>	Nitrile gloves
<b>Skin:</b>	Overalls and chemical resistant boots

## 9: Physical and Chemical Properties

<b>Appearance:</b>	White powder
<b>Odour:</b>	Chlorine odour
<b>pH (Undiluted):</b>	
<b>Vapour Pressure:</b>	Not relevant
<b>Vapour Density:</b>	Not relevant
<b>Boiling Point:</b>	Not relevant
<b>Melting Point:</b>	Not relevant
<b>Solubility:</b>	Soluble in water at 200 g/l
<b>Specific Gravity:</b>	
<b>Flash Point:</b>	Not applicable

## 10: Stability and Reactivity

<b>Chemical Stability:</b>	Product decomposes very slowly at room temperature and releases chlorine.
<b>Conditions to Avoid:</b>	Do not heat product.
<b>Incompatible Materials:</b>	Acids.
<b>Hazardous Reaction:</b>	Reacts violently with acids liberating very toxic chlorine gas and excessive heat.

## 11: Toxicological Information

<b>Ingestion (acute):</b>	Irritant to mouth, oesophagus and stomache accompanied by burning sensation.
<b>Eye (acute):</b>	Moderate irritant
<b>Skin (acute):</b>	Contact with skin may result in irritation
<b>Inhalation (acute):</b>	Breathing in dust may result in respiratory irritation
<b>Chronic Effects (acute):</b>	Long term exposure may lead to dermatitis and necrosis.

## 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 this 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

<b>UN Number:</b>	None allocated
<b>UN Proper Shipping Name:</b>	
<b>Class:</b>	None allocated
<b>Subsidiary Risk:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>Special Precautions</b>	Ensure all containers are clearly labeled. Keep containers securely sealed, ensure all caps are
<b>For Users</b>	vented and stored in a cool, well ventilated space.
<b>Hazchem Code:</b>	None allocated
<b>IERG Number:</b>	None allocated

## 15: Regulatory Information

**Packaging & Labeling:** This product contains a Scheduled Poison (S5) and must therefore 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. Bulk.

## 16: Other Information

**Prepared By:** Brett Amos

**Date of Previous Issue:** May 2006

**Change Made:** Full review

**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**