

# Megachlor

## 1: Identification of the Material and Supplier

<b>Product Identifier</b>	Megachlor		
<b>Other Means of Identification</b>	MEGACHLOR2X5L.CTN (2x5L), MEGACHLOR.20 (20L), MEGACHLOR.D (205L), MEGACHLOR.NRB (1000L)		
<b>Recommended Use</b>	Heavy duty foaming cleaner and sanitiser		
<b>Supplier</b>	<b>Organisation</b>	<b>Location</b>	<b>Contact Information</b>
	Chemform Pty Ltd ABN: 50 008 905 119	7 Kirke St Balcatta WA 6021 Australia	Phone: 1300 415 278 Fax: (08) 9344 4360 E-Mail: admin@chemform.com.au Web: www.chemform.com.au
<b>Emergency Phone Number</b>	Poisons Information Centre (Australia) 13 11 26		

## 2: Hazard Identification

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

**GHS Classification** Eye damage (category 1)  
Skin irritation (category 2)



**Signal Word** Danger

**Hazardous Statement(s)** Causes serious eye damage  
Causes skin irritation

**Precautionary Statement(s)** Wear protective eye wear and gloves. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse.

## 3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Amine oxide	1643-20-5	<10%
Available chlorine as Sodium Hypochlorite	7681-52-9	<10%
Non-hazardous ingredients	-	to 100%

## 4: First Aid Measures

<b>General</b>	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
<b>Ingestion</b>	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.
<b>Eyes</b>	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.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation</b>	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.
<b>Symptoms Caused by Exposure</b>	Please refer to Section 11- Toxicological Information.
<b>Medical Attention and Special Treatment</b>	Decontaminate skin and eyes with copious saline irrigation. Check exposed eyes for corneal abrasions with fluorescein staining.

## 5: Fire Fighting Measures

<b>Suitable Extinguishing Equipment</b>	Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
<b>Specific Hazards Arising from the Chemical</b>	When heated to decomposition will produce irritating, corrosive fumes of hydrogen chloride and toxic chlorine gas.
<b>Special Protective Equipment and Precautions for Fire Fighters</b>	Use water spray to keep fire-exposed containers cool. The following protective equipment for fire fighters is recommended when this material is present in the area of a fire. Liquid-tight chemical protective suit with breathing apparatus.
<b>Hazchem Code</b>	None allocated.

## 6: Accidental Release Measures

<b>Personal Precautions</b>	Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.	
<b>Environmental Precautions</b>	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.	
<b>Spills and Disposal</b>	<p><b>Small Spills</b></p> <p>Mop or wipe up with a rag or paper towel and dispose of in rubbish. Wash down surface with water.</p>	<p><b>Large Spills</b></p> <p>Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.</p>

## 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Wash hands after use. Avoid direct contact with product. Use PPE as described in section 8. ALWAYS add product to water while stirring to prevent release of heat.
<b>Conditions for Safe Storage</b>	Always replace lid on container after use. Store in a cool dry place out of direct sunlight and out of reach of children, in the original container, in a well-ventilated area and away from incompatible materials (e.g. acids) and foodstuffs

## 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>	Avoid generation and inhalation of mists and aerosols. Use in open or well ventilated areas.
<b>Individual Protection</b>	
<b>Eyes/Face</b>	Safety glasses.
<b>Hands</b>	Rubber gloves.
<b>Skin</b>	Long sleeved protective clothing.
<b>Respiratory</b>	If mist or sprays are produced wear a respirator with type B-P cartridge(s).

## 9: Physical and Chemical Properties

<b>Appearance</b>	Yellow liquid
<b>Odour</b>	Chlorine
<b>pH</b>	10-11 (1% solution)
<b>Vapour Pressure</b>	No data available
<b>Vapour Density</b>	No data available
<b>Flash Point</b>	Not applicable
<b>Flammability Limits</b>	Not applicable
<b>Boiling Point</b>	>100°C
<b>Melting Point</b>	<0°C
<b>Specific Gravity</b>	1.09-1.11
<b>Solubility</b>	Soluble in water

## 10: Stability and Reactivity

<b>Chemical Stability</b>	Product decomposes slowly. However, if stored in heat (>30°C) its decomposition speed increases substantially.
<b>Possibility of Hazardous Reaction</b>	No hazardous reactions expected when handled and stored in accordance with label directions. Contact with acids will produce toxic chlorine gas.
<b>Conditions to Avoid</b>	Avoid extreme heat and high temperatures.
<b>Incompatible Materials</b>	Avoid extreme heat, high temperatures and contact with acids and incompatible materials (organics, reducing agents, metallic powders).
<b>Hazardous Decomposition Products</b>	Chlorine gas, hydrogen chloride.

## 11: Toxicological Information

<b>Ingestion</b>	Ingestion may result in gastrointestinal discomfort diarrhoea, possible burns to the mouth and throat, nausea, vomiting, ulceration of the gastrointestinal tract.
<b>Eye</b>	Highly corrosive. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis and corneal burns with possible permanent damage. Draize test, rabbit, eye: severe.
<b>Skin</b>	Prolonged skin exposure can cause reddening of the skin, pain, rash, dermatitis and possible burns. Skin: Rabbit 3.1g/24 hours: Moderate.
<b>Inhalation</b>	Over exposure may result in mucous membrane irritation of the respiratory tract and coughing.

## 12: Ecological Information

<b>Ecotoxicity</b>	21 days EC50 (daphnia magna): 6.2m g/L (product).
<b>Persistence/Degradability</b>	Readily degrades to salt and oxygen in the environment.
<b>Bio-accumulative Potential</b>	Hypochlorite does not bio-accumulate (log Pow = -0.87 at pH 7; rapid degradation in the environment ).
<b>Mobility in Soil</b>	Expected to be immobile in soil.

## 13: Disposal Considerations

<b>Disposal Methods</b>	The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations. Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.
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## 14: Transport Information

<b>UN Number</b>	None allocated
<b>Shipping Name</b>	None allocated
<b>Class</b>	None allocated
<b>Subsidiary Risk</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Special Precautions For Users</b>	Ensure all containers are clearly labelled. Keep containers securely sealed and protected against physical damage
<b>Hazchem Code</b>	None allocated
<b>IERG Number</b>	None allocated

## 15: Regulatory Information

<b>Packaging &amp; Labelling</b>	This product is 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.
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## 16: Other Information

<b>Prepared By</b>	Brett Amos
<b>Date of Previous Issue</b>	November 2015
<b>Changes Made</b>	Updated to comply with WHS regulations (GHS format).
<b>References</b>	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).
<b>Contact Person/Point</b>	Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
<b>Legal Disclaimer</b>	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**