

MATERIAL SAFETY DATA SHEET

JET CHLOR

Hazardous according to criteria of Worksafe Australia.
Risk R35: Causes severe burns.

IDENTIFICATION

Product Name: **Jet Chlor**
Manufacturer's Product Code: 103
UN Number: 1719
Poisons Schedule No: 6

Dangerous Goods Class: 8
Subsidiary Risk: None allocated
Hazchem Code: 2R
Use: Caustic detergent for use in commercial dishwashing

Physical Description/Properties

Appearance: Clear very pale yellow liquid
Odour: Mild chlorine
Boiling Point: > 100° C
Specific Gravity: 1.25

Flash Point: Non flammable
Flammability Limits: Not applicable
Solubility in Water: All proportions
pH: 12.5 at 1% solution

Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Potassium Hydroxide	1310-58-3	15%
Sodium silicate	1344-09-8	1-10%
Sodium hypochlorite (Gives 3% available chlorine in solution)	7681-52-9	1-10%
Ingredients determined not to be hazardous		to 100%

HEALTH HAZARD INFORMATION

Health Effects

Swallowed: Extremely corrosive to the gastro-intestinal tract. Can cause severe burns and may be fatal.

Eye: Is highly corrosive and may cause severe and permanent damage.

Skin: Corrosive to the skin and can cause severe burns.

Inhaled: Not normally an inhalation hazard. However, if breathed in, is capable of causing serious damage to the throat.

First Aid

For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention.

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Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If pain or redness persists, see a doctor.

Inhaled: Remove patient from source of contamination. If discomfort persists seek medical advice.

Advice to Doctor

Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards: NOHSC have adopted values as follows - Potassium hydroxide TLV/TWA (peak) 2 mg/m³ and Chlorine TLV/TWA 3 mg/m³ (peak).

Engineering Controls: Local exhaust to remove mist or vapour.

Personal Protection: Wear safety goggles, rubber apron and rubber or PVC gloves when handling product.

Flammability: Not flammable but concentrated solutions in contact with tin, aluminium, zinc or die-cast metals liberates hydrogen, a flammable gas.

SAFE HANDLING INFORMATION

Storage and Transport: Store in a secure place away from acids, oxidising agents, aluminium, tin, zinc, die-cast metals and foodstuffs. Transport in accordance with Australian Dangerous Goods Code.

Spills and Disposal: Wear protective clothing. Floor will be slippery. Absorb with sand and shovel into drums. Wash residue to drain with large quantities of water.

Fire/Explosion Hazard: Fight fires with water fog or fine spray. In case of fire put on full body protective clothing with breathing apparatus.

OTHER INFORMATION: Product is only for use in commercial dishwashers being added by an electronic feeder. Never add manually or use for manual dishwashing.

CONTACT POINT: Emergency Use
Poisons Information Centre 131126
Managing Director (08) 8260 6575 business hours
(08) 8380 5741 after hours

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