

MATERIAL SAFETY DATA SHEET

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Date of Issue: 1/2/08

STATEMENT OF HAZARDOUS NATURE

Miros General Cleaning Services P/L trading as ATOMIC CHEMICALS
A.C.N 005 300 201 / A.B.N 67 672 563 975
Factory 1
65 Bond Street West
Mordialloc VIC 3195
Telephone: 03 9580 2766
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National Poisons: 13 11 26

Comment [D1]:

PRODUCT IDENTIFICATION

Name: **CHLOR-DET**

Hazardous Classification: The substance described in this MSDS has been classified as HAZARDOUS according to criteria of Worksafe Australia.

Hazardous Category: C+ VERY CORROSIVE

Risk: R31 Contact with acids liberates toxic gas

R35 Causes severe burns

R41 Risk of serious damage to eyes

Safety: S2 Keep out of reach of children

S37/39 Wear suitable gloves and eye/face protection

S50 Do NOT mix with other detergents

UN Number: 1719

Dangerous Goods Class and Subsidiary Risk: 8 PGII

Hazchem Code: 2R

Poisons Schedule Number: 6

Product Use: Commercial grade foaming bleach/caustic based detergent/sanitiser for general cleaning applications within the food industry.

Physical Description/Properties

Appearance/Odour: Clear liquid with chlorine odour.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.30

Flammability Limits: Not determined

Solubility in Water: Complete

Other Properties:

Reactivity: Avoid mixing with acids.

Evaporation Rate: Not determined

pH: >13.0

Volatile Organic Compounds: Not determined

PRODUCT IDENTIFICATION - continued

Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion (% W/W):</u>	<u>Exposure Limit</u>
Potassium Hydroxide limitation	1310-58-3	<10%	2mg/m3 Peak
Surfactant (Propriety blend)		<10%	Not Established
Sodium Hypochlorite	7681-52-8	<10%	1ppm TWA for decomposition product chlorine.
Water	7732-18-5	>60%	Not Established

HEALTH HAZARD INFORMATION

Health Effects

Acute: Corrosive to all body tissue on contact.

Swallowed: Will cause: Corrosive damage to mouth, throat and stomach.
Eye: Will cause: Chemical burns and/or Permanent eye damage.
Skin: Will cause: Chemical burns.
Inhaled: Will cause: Irritation and/or chemical burns to mucous membranes.

Chronic: None known to Atomic Chemicals

First Aid

Swallowed: Immediately rinse mouth with water. Give plenty of water to drink.
Do NOT induce vomiting. Immediately seek medical assistance.
Eye: Rinse immediately with plenty of water for at least 15 minutes, holding eye lids open.
Immediately seek medical assistance
Skin: Immediately wash contaminated skin with plenty of water. Remove contaminated clothing
and wash before re-use. If swelling, redness, blistering, or irritation occurs, seek
medical attention.
Inhaled: Remove to fresh air. If irritation persists seek medical attention.

First Aid Facilities: Eye wash station.

Advice to Doctor: Treat symptomatically and as for strongly alkaline material.

PRECAUTIONS FOR USE

Exposure Standards: For specific exposure limits see the ingredient information.
Engineering Controls: Avoid inhalation of vapours and sprays. General room ventilation is normally
adequate. Keep containers closed when not in use.
Personal Protection: Respiratory: If mists/vapours are not adequately controlled by local ventilation, use
an inorganic/organic vapour respirator to prevent overexposure.
Eye: Full wrap around Safety goggles
Skin: Impervious Long Nitrile Gloves / PVC Apron / Safety Shoes

SAFE HANDLING INFORMATION

Transport of Dangerous Goods: Classified by road and rail dangerous goods as;

Class 8, PGIII

UN 1719 CAUSTIC ALKALI LIQUID N.O.S

Contains: Potassium Hydroxide & Sodium Hypochlorite

Storage: Store in a well-ventilated place out of direct sunlight.
Store away from acids, oxidising agents, combustible materials and foodstuffs.
Keep containers closed at all times - check regularly for leaks.

Segregation: Store away from acids and oxidising agents.

Spill Control: Contain large spills. Absorb with oil-dry or similar inert material. Sweep or scrape up and containerise. Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life.

Personal Precautions: Wear suitable eye/face protection, and suitable protective gloves.

Disposal of Containers: Product residues may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

Rinse empty container thoroughly with water and place in trash collection.

Disposal Method: No special method. Observe all applicable governmental regulations and Local ordinances regarding disposal of non-hazardous materials.

Explosion Hazard: No explosion sensitivity.

Fire Fighting Procedures: Normal fire fighting procedures. Fire fighters to wear self-contained breathing apparatus if risk of exposure to product of decomposition.

Extinguishing Media: Foam, CO₂, Dry chemical or Water fog.

Reactivity: No special requirements.

Hazchem Code:**2R**

OTHER INFORMATION:

LD50 (Acute Oral Toxicity): Corrosive.

LD50 (Acute Dermal Toxicity): Corrosive

Carcinogenicity: None Known

Teratogenicity: None Known

Mutagenicity: None Known

Fish Toxicity: Not determined

Biodegradability: The surfactants are biodegradable per the Australian standard AS1792.

CONTACT POINT:

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