

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Premium Household Bleach

Recommended Use: Disinfectant, cleaner, bleaching laundry. Read appropriate Cleaning Procedure Guide (CPG) for detailed usage instructions

Supplier: Midland Chemicals
ABN: 91 622 018 986

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Facsimile: +61 08 9250 1710

Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

Hazardous according to criteria of Worksafe Australia.

Risk Phrases: Harmful if swallowed. Risk of damage to eyes.

Safety Phrases: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

Poisons Schedule: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Proportion | Risk Phrases |
|---------------------|---------------|------------|--------------|
| Alkaline Stabiliser | Non Hazardous | Low 1%< | |
| Wetting Agent | Non Hazardous | Low 1%< | |
| Sodium Hypochlorite | 7681 - 52 - 9 | Low 4%< | |
| Demineralised Water | | Up to 100% | |

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact:

If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a Doctor. Seek immediate medical assistance.

Eye Contact:

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Seek medical assistance.

Ingestion:

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water, Never give anything by mouth to an unconscious person. If vomiting occurs give further water. Seek immediate medical assistance.

Medical attention and special treatment:

Treat as normal bleach

5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Non-combustible material.

Precautions for fire fighters and special protective equipment

Decomposes on heating emitting toxic fumes, including those of chlorine. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire, use: Fine water spray, dry agent (carbon dioxide, chemical foam).

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Clear area of all unprotected personnel. If heavy concentration of contamination of sewers or waterways has occurred advise local emergency services, or Environmental Protection Authority.

Methods and materials for containment and clean up:

Wear protective equipment to prevent skin and eye contact. Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent large concentration run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

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7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from acids and other incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering controls:

Use in well ventilated areas. Keep containers closed when not in use.

Personal Protective Equipment:

Wear gloves, goggles, eye mask, facial mask. Do not allow to come in contact with skin or eyes. Read label. Do not swallow.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Colour: opaque

odour: chlorine

Solubility: Miscible in water.

Specific Gravity: 1.001

Relative Vapour Density (air=1): Not available

Vapour Pressure (20 °C): Not available

Flash Point (°C): Not applicable

Flammability Limits (%): Not applicable

Auto Ignition Temperature (°C): Not applicable

Boiling Point/Range (°C): N/A

pH: 10 @1% solution

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions to avoid: Avoid exposure to foodstuffs and heat. Avoid contact with other chemicals and acids

Incompatible materials: Incompatible with acids .

Hazardous decomposition products: Chlorine

Hazardous reactions: Reacts with acids liberating toxic gas

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

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| Ingestion: | Swallowing can result in severe irritation and burning of throat area, nausea, vomiting, diarrhoea and abdominal pain. |
| Eye contact: | high irritation |
| Skin contact: | high irritation. |
| Inhalation: | breathing in may produce respiratory irritation. |
| Long Term Effects: | No information available for the product. |
| Toxicological Data: | No LD50 data available for the product. |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity | Avoid contaminating waterways with heavy concentration. |
| Persistence and degradability | this product is biodegradable. |

13. DISPOSAL CONSIDERATIONS

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| Disposal methods: | Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. |
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14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

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15. REGULATORY INFORMATION

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|--------------------------|--|
| Classification: | Hazard according to the criteria of safe work Australia |
| Hazard Category: | N: Dangerous for the Environment |
| Risk Phrase(s): | R36: Irritating to Eyes R38: Irritating to Skin. |
| Safety Phrase(s): | S24/25: Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: After contact with skin, wash immediately with plenty of soap and water. S36/37/39: Wear suitable protective clothing, gloves and eye/face protection. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible). S50: do not mix with acids |
| Poisons Schedule: | N/A |

16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.

Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.