

MATERIAL SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: BLEACH LB092
Synonyms: HYPOCHLORITE SOLUTION

Use: Liquid bleach for use as a bleaching agent and sanitiser.

Supplier: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court, Altona, 3018
Telephone Number: (03) 9398 4444
Facsimile: (03) 9398 5278

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
Vance Powell 0425 800 020 (After Hours)

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC.

Hazard Classification: NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS
Risk Phrases: None allocated.
Safety Phrases: None allocated.
Poison Schedule (Australia): None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Entity | C.A.S. No. | Proportion |
|---------------------|------------|---------------|
| Sodium Hypochlorite | 7681-52-9 | less than 10% |

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure. Avoid becoming a casualty. Remove contaminated clothing; loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation occurs.



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Eye Contact: If contacted in eyes, remove contact lenses if worn. Hold eyes open and flood with clean cold water for at least 15 minutes. Seek urgent medical attention.

Ingestion: Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Seek urgent medical attention.

Notes to Doctor: Ingestion releases hypochlorous acid. Buffer the acids using antacids. Further treatment as for alkaline materials. Inhalation may be followed by pulmonary oedema.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non-combustible liquid. Reaction with incompatible materials can generate sufficient heat to ignite nearby combustible materials. When involved in a fire or in contact with strong acids, this product may liberate toxic chlorine gas.

Fire fighting advice: Fire fighters must wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources.

Fire Extinguishing Media: All extinguishing agents can be used (water, dry chemical, carbon dioxide, foam and sand).

Hazchem Code: None allocated.

Eye Contact: If contacted in eyes, remove contact lenses if worn. Hold eyes open and flood with clean cold water for at least 15 minutes. Seek urgent medical attention.

Flammability: This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Personnel involved in the clean up must wear full protective clothing. Eliminate all sources of ignition. Evacuate all unnecessary personnel. Increase ventilation. Stop leak if safe to do so. Avoid walking through spilled product as it may be slippery. Do NOT neutralize with acids due to possible release of toxic chlorine gas. Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

7. HANDLING AND STORAGE

Handling advice: Incompatible with strong oxidizing agents, strong acids, metals such as aluminium, tin, and zinc, peroxides, reducing agents, metal salts, and sources of ignition.



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Storage advice: Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: No exposure standard has been established for this product by The Australian Safety and Compensation Council (ASCC).

Engineering Controls: Not needed for this product.

Personal Protection Equipment: Not normally needed, except for long exposure times to the bleach for cleaning purposes. In this case, use latex or neoprene gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow or green liquid with chlorine odour.

Boiling Point: Not applicable

Melting Point: Not Known

Flash Point: Not applicable

Vapour Pressure: 17 mm Hg @ 20 °C

Vapour Density (Air = 1): 0.6

Flammability Limits: Not applicable

Specific Gravity: 1.07 – 1.14

pH (1% solution): 7.5

Solubility in water: Soluble in all proportions.

Corrosiveness: Not corrosive.

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this material safety data sheet and label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Health Effects:

Ingested: Low systemic toxicity but can be harmful if ingested in large quantities.

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Eye: Can penetrate deeply causing irritation or severe burns depending on the concentration and duration of the exposure. In severe cases, ulceration and permanent damage may occur.

Skin: A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

Inhaled: Vapour may irritate the mucous membranes and respiratory tract. Vapours can affect the central nervous system and result in headaches, dizziness and possible nausea.

Chronic: May irritate skin on prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: BLEACH LB092

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Road and Rail Transport:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG code).

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of NOHSC.

Poisons Schedule: None allocated.

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16. OTHER INFORMATION

This M.S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Material Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS cannot anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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