

SAFETY DATA SHEET

Product Name: **BLEACH 4.5%**

Page: 1 of 4

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER PRODUCT NAME: BLEACH HOUSEHOLD GRADE

RELEVANT IDENTIFIED USES: Household bleach for washing whites or clean tiles in bathroom.
SUPPLIER NAME: JAMAC SAFE & CLEAN PTY LTD (ABN 31 065 516 529)
ADDRESS: 66 LOFTUS ST, RIVERSTONE NSW 2765
EMERGENCY TELEPHONE: 02 9838 1220 OR 0438 569 315
WEBSITE: www.jamac.com.au
Email: sales@jamac.com.au

2. HAZARDS IDENTIFICATION

HAZARDOUS Substance according to criteria of the GHS. Non-Dangerous goods.

GHS Classification: Eye Irritation Category 1
Skin Irritation Category 2

Hazard Statement: H313 Causes skin irritation
H318 Cause serious eye damage.
H303 May be harmful if swallowed.

Precautionary Statements: P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P264 Wash hands thoroughly after using
P280 Wear eye protection and protective gloves.

Response Statements: P102 Keep out of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P264 Wash hands and skin thoroughly after handling.
P280 Wear protective gloves, eye and face protections.

Storage Statements: None.

Disposal Statements: P501 Disposal of waste through a licensed contractor or facility.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	PROPORTION (% w/w)
Sodium Hypochlorite	7681-52-9	<6
Sodium Hydroxide	1310-73-2	<1
Non-hazardous ingredients		to 100%

4. FIRST AID MEASURES

Ingestion: Immediately remove product from the mouth and rinse mouth out with water. Contact a Doctor or the Poisons Information Centre in your capital city for further advice. DO not induce vomiting.

Eye: Hold eyelids open and wash with running water immediately. Remove contact lens. Continue flushing for at least 15 mins. Seek medical advice immediately.

SAFETY DATA SHEET

Product Name: **BLEACH 4.5 %**

Page 2 of 4

Skin: Remove contaminated clothing and wash skin thoroughly with water. Seek medical attention if the effects persist.

Inhalation: Remove from source of exposure to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Seek medical assistance if effects persist.

First Aid Facilities: Portable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically

5. FIRE FIGHTING METHODS

Suitable extinguishing media: Water spray, foam, carbon dioxide or dry chemical powder.

Specific hazards arising from the chemical: Carbon dioxide and carbon monoxide may be produced in the fire.

Special protective equipment and precautions for fire-fighters: Keep containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and Emergency Procedures:

Avoid eye and skin contact. Use full protective clothing for face, eyes and skin. Evacuate all unprotected personnel. Isolate the area.

Environmental Precautions:

Contain the spill and prevent run off into confined areas, drains and waterways. Contact local regulatory authorities if large quantities of this material enter the environment.

Methods and Materials for Containment and Clean up:

Large spills: absorb with dry earth, sand or other similar material. Collect and seal in properly labelled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material.

Small spills: may be safely mopped up and area washed with excess water.

Incineration of disposed material is not recommended, as it is unlikely to adequately burn.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Use in a well-ventilated area. Avoid contact with skin or eyes. Avoid breathing in any mist. Wash after handling before eating, drinking or smoking. Turn ventilation fan on if available.

Always keep containers closed. Avoid all personal contact, including inhalation.

Conditions for Safe Storage:

Store in the original container, in a cool dry well-ventilated area out of sunlight.

Keep containers closed when not in use to ensure contamination does not occur. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: No value is assigned for this material by The National Occupational Health and Safety Commission.

Sodium Hypochlorite (1310-73-2):

Exposure limit:

Time Weighted Average (TWA): 2mg/m³ (peak limitation) and ppm.

SAFETY DATA SHEET

Product Name: **BLEACH 4.5%**

Page

3 OF 4

Term Exposure Limit (STEL):

Biological Limit Values: No biological limit allocated.

Engineering Controls: Ensure adequate ventilation. Keep containers closed when not in use.

Personal Protective Equipment: Not normally required at domestic situation. When handling bulk quantities, avoid breathing in mist, wear respiratory mask with suitable protective clothing. If there is a large spill, safety glasses should be worn to prevent eye contact. Use rubber gloves to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear yellow liquid

Physical state: liquid

Odour: Characteristic odour

PH (1% SOLUTION): >11

Decomposition temperature: Not available.

Specific gravity: 1.05

Density: Not available

Vapour pressure: Not available.

Solubility: soluble

Flammability: Not available

Melting/Freezing Point: Not available

Flammability Limits: Not flammable.

Boiling point: Not available

Bulk density: Not available

Evaporation rate: Not available.

Melting Point: Not available

Autoignition Temp: Not available.

Viscosity: 200 cPs

Flash point: >100C

Vapour density: Not available

10. STABILITY AND REACTIVITY

This product will react with acid and produce toxic chlorine gas.

Chemical stability: The product is stable under normal conditions of use and when stored as recommended.

Conditions to Avoid: Direct sun light, sparks, naked flames and any ignition sources.

Incompatible Materials: Strong Oxidising agents and acids. Do not mix with other chemicals.

Hazardous reactions: Hazardous polymerization will not occur.

Hazardous decomposition products: The packaging material may burn to emit noxious fumes.

11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Skin contact.

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Acute Effects:

Ingestions: May be harmful if swallowed.

Eye contact: Risk of serious damage to eyes.

Skin contact: May cause irritation. May accentuate pre-existing skin conditions.

Inhalation: May cause irritation to throat, nose and respiratory systems.

Long term effects:

Skin: Prolonged or repeated exposure to this material may result in dermatitis to some individuals.

Ingestion: May injure internally.

Inhalation: Chronic exposure by inhalation may aggravate existing respiratory disorders.

ACUTE TOXICITY /CHRONIC TOXICITY:

Inhaling this liquid may cause sensitisation reaction in some persons.

SAFETY DATA SHEET

Product Name: **BLEACH 4.5%**

Page 4 of 4

Prolonged skin contact may cause degreasing with drying or cracking.

12. ECOLOGICAL INFORMATION

DISPOSAL METHODS: Empty containers should be forwarded to an approved agent for recycling. Avoid
Ecotoxicity: Not classified as an ecotoxic to aquatic environment.
Persistence and degradability: Inherently degradable. The material degrades rapidly when dissolved in water.
Mobility in soil: No information available.
OTHER: None.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with local regulators.

SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION:

The product is suitable for disposal by landfill through an approved agent. Incineration of the product is not recommended, as it is unlikely to adequately burn.

14. TRANSPORT INFORMATION

UN number: Not allocated.
UN Proper shipping name: Not applicable.
Dangerous Goods Class: Not applicable.
Packaging group: Not allocated.
HAZCHEM CODE: Not allocated
Environmental hazard: Not Applicable.

15. REGULATORY INFORMATION

SUSDP Poisons Schedule: S5
Licensing Requirements: No applicable licensing requirements.
Industrial Chemicals Act 1989: All ingredients are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

GENERAL INFORMATION: None.
SDS ISSUE DATE: JANUARY 2024

End of SDS