



SAFETY DATA SHEET
THICKENED BLEACH

Page 1
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Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: THICKENED BLEACH
Use / description of product: Irritant.
Company name: Greyland Ltd
Greg Street
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Stockport
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United Kingdom
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: 5830000 1-10%
CAS: 3332-27-2
[Xi] R41; [Xi] R38
• 1445050 1-10%
CAS: 68585-34-2
[Xi] R36/38
• SODIUM HYPOCHLORITE SOLUTION CL ACTIVE 1-10%
CAS: 7681-52-9
EINECS: 231-668-3
[-] R31; [C] R34

3. HAZARDS IDENTIFICATION

Main hazards: Contact with acids liberates toxic gas. Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Consult a doctor.

[cont...]

SAFETY DATA SHEET

THICKENED BLEACH

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Viscous

Flash point°C: 70

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

SAFETY DATA SHEET

THICKENED BLEACH

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Ingredients:** 5830000
 ORL RAT LD50 >2000 mg/kg
- 1445050
 ORL RAT LD50 >2000 mg/kg
 - SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE
 ORL MUS LCLO 5800 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Ingredients: 5830000
 FISH 96H LC50 10-100 mg/l

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1791	ADR Class: 8
Packing group: III	Classification code: C9
Hazard ID no: 80	Labelling: 8
Shipping name: HYPOCHLORITE SOLUTION	

IMDG / IMO

UN no: 1791	Class: 8
Packing group: III	EmS: 8-08
Marine pollutant: NO	Labelling: 8

IATA / ICAO

UN no: 1791	Class: 8
Packing group: III	Packing instructions: 809(P&CA); 821(PAO)
Labelling: 8	

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



SAFETY DATA SHEET

THICKENED BLEACH

Risk phrases: R31: Contact with acids liberates toxic gas.

R36/38: Irritating to eyes and skin.

Safety phrases: S14: Keep away from other chemicals

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in s.2: R41: Risk of serious damage to eyes.

R38: Irritating to skin.

R36/38: Irritating to eyes and skin.

R31: Contact with acids liberates toxic gas.

R34: Causes burns.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.