

Health and Safety Data Sheet

Identification of the Substance / Preparation and Company

Product name: MAXIMA THICK BLEACH

Supplier: MAXIMA GROUP
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1.4 Product Description: Thick bleach.

2. COMPOSITION/INFORMATION AND INGREDIENTS.

A thickened bleach solution.

Hazardous Ingredients:	CAS No:	%w.w.(Range):	Nature of Hazard:
Sodium Hypochlorite	7681-52-9	4.5% Av.	CORROSIVE. (R31, R34). Contact with acids liberates toxic gas. Causes burns.
Sodium hydroxide	1310-73-2	1.0 - 5.0	CORROSIVE. (R35). Causes severe burns. Occupational Exposure Standard (O.E.S.) set *. * Refer to Section 8 for Exposure Levels.

3. HAZARD IDENTIFICATION.

Product is classed as IRRITANT under Chemicals (Hazard Information and Packaging) Regulations 1994

Following precautions must be observed:-

1. Contact with acid liberates toxic gas.
2. Irritating to eyes and skin.
3. Wear gloves if skin contact is likely and goggles if splashing is likely.
4. In case of contact with eyes rinse immediately with plenty of water and seek medical attention.
5. In case of skin contact rinse off with water, seek medical attention if required.
6. If swallowed seek medical advice immediately and show this container label.
7. Keep out of reach of children.

4. FIRST AID MEASURES.

Eyes: Rinse immediately with large quantities of clean water, holding eye open and seek medical attention.

Skin: Remove contaminated clothing and wash before wearing. Wash affected area with soap and water. If irritation persists seek medical advice.

Ingestion: DO NOT INDUCE VOMITING. Give small sips of milk or water to drink and seek immediate medical attention.

Inhalation: Move patient to fresh air, away from source of exposure.

5. FIRE FIGHTING MEASURES.

Product is non-flammable. Decomposition can evolve oxygen and enhance combustion of other flammable materials. Product is a powerful oxidising agent. Toxic fumes may be evolved in fire, therefore breathing apparatus should be worn. Treat fires with dry chemical, foam, or waterspray. Do not use waterjet.

6. ACCIDENTAL RELEASE MEASURES.

Small spillages can be rinsed away to drain. Large spillages need to be contained using sand or earth so that the liquid is prevented from entering a water course. Absorb spillage in inert material i.e. dry sand/earth and transfer into secure plastic container(s) for disposal.

7. HANDLING AND STORAGE.

1. Store away from children.
2. Use only according to directions.
3. DO NOT mix with other chemicals.
4. Always ensure cap is replaced and fully tightened after use.
5. Do not exceed to temperatures greater than 35°C or less than 0°C

8. EXPOSURE CONTROL /PERSONAL PROTECTION.

1. Impervious gloves should be worn together with goggles if splashing is likely.
2. Always maintain a good standard of occupational hygiene when handling chemicals.

Exposure levels according to EH40 list issued by HSE:

Occupational Exposure Standard (O.E.S.) Sodium hydroxide	L.T.E.L.	8 hours	- not set.
	S.T.E.L.	15 minutes	-2mg/cubic metre

9. PHYSICAL PROPERTIES:

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|--------------------------|---------------------------|
| 9.1 Appearance: | Clear pale yellow liquid. |
| 9.2 Odour: | Pot pourri. |
| 9.3 pH: | 13.0 |
| 9.4 Density : | 1.094kg/litre at 20°C. |
| 9.5 Flash Point: | Not applicable. |
| 9.6 Solubility in water: | Soluble. |

10. STABILITY AND REACTIVITY :

Product is stable under normal conditions.

Avoid mixing with acids or acidic compounds. Acids or acidic compounds decompose sodium hypochlorite with evolution of chlorine.

11. TOXICOLOGICAL INFORMATION.

No significant health hazard when properly used for the application it was designed for.

Effects due to overexposure when:

- | | |
|-----------------------|---|
| In contact with eyes: | Immediate irritation and severe pain. |
| In contact with skin: | Irritation, reddening of the skin. Prolonged contact may result in dermatitis.
Sensitisation may also occur. |
| Inhaled: | Chlorine vapour irritates nose, throat and lungs causing coughing. |
| Ingested: | Severe irritation to mouth and throat stomach pains and possible ulceration. |

12. ECOLOGICAL INFORMATION.

1 ppm available chlorine is toxic to all fish.

0.4 ppm available chlorine is toxic to game fish.

13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

14. TRANSPORT INFORMATION.

Proper Shipping Name: CORROSIVE LIQUID, NOS (Contains Sodium hydroxide and Sodium Hypochlorite).

U.N. No : 1760

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Hazard Class: 8

Packing Group : III

15. REGULATORY INFORMATION:

Product is classed as IRRITANT under CHIP Regulations.

16. OTHER INFORMATION.

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.