



**GRANWAX**  
Products Limited

# MATERIAL SAFETY DATA SHEET

Product name: **Granwax Bleach**

Reviewed date: September 2009

Reviewed by MC

## 1. Identification of substance

Substance: **Granwax Bleach**  
Supplier: Granwax Products Ltd  
West Street  
Riddings, Alfreton  
Derbyshire DE55 4EW  
Telephone: 01773 541177 Fax: 01773 541429

## 2. Composition/Data on components

*Composition and classification of potentially hazardous components*

<u>Component</u>	<u>CAS</u>	<u>Concentration</u>	<u>EINECS</u>	<u>Risks</u>
Sodium Hypochlorite, solution % Cl active	7682-52-9	1 – 10%	231-668-3	C;N;R31-34-50
Water		80-90%		

## 3. Hazards identification

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

## 4. First aid measures

**Skin contact:** Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact:** Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.

**Inhalation:** Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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## 5. Fire fighting measures

Extinguishing media: Carbon dioxide (CO<sub>2</sub>)  
Fire Hazards: C – Corrosive. C – Corrosive. Burning produces irritating, toxic and obnoxious fumes.  
Protective equipment: Wear suitable respiratory equipment when necessary.

## 6. Accidental release measures

Personal precautions: Ensure adequate ventilation of the working area. Evacuate personnel to a safe area.  
Wear suitable protective equipment

Environmental Precautions: Do not allow product near drains. Prevent further spillage if safe.

Clean up methods: Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.  
Clean with spillage area thoroughly with plenty of water.

## 7. Handling & storage

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.  
Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

## 8. Exposure controls & personal protection

Engineering measures: Ensure adequate ventilation of the working area.  
Respiratory protection: Wear: Self-contained breathing apparatus.  
Hand protection : Chemical resistant gloves (PVC).  
Eye protection : Approved safety goggles.  
Protective equipment: Wear chemical protective clothing.



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## 9. Physical and chemical properties

Description	Liquid.
Colour	Amber.
Odour	Characteristic.
pH	13
Boiling point	100°C
Relative density	1.09 NOMINAL
Water solubility	soluble in water.

## 10. Stability and reactivity

Stability	Stable under normal conditions. Contact with acids liberates toxic gas.
Conditions to avoid	Heat.
Materials to avoid	Acids. Amines.
Hazardous decomposition products	Toxic fumes

## 11. Toxicological information

Corrosivity:	Causes burns. Irritating to eyes, respiratory system and skin. Seek medical attention if irritation or symptoms persist.
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## 12. Ecological information

Ecotoxicity	Toxic to fish.
Degradability	Inorganic materials are inherently not biodegradable however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts.



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## 13. Disposal considerations

Further information: Dispose of in compliance with all local and national regulations.

## 14. Transport information

ADR/RID:  
UN1791 Class 8 Packing Group III Hazard ID 80 Proper shipping name: HYPOCHLORITE SOLUTION

IMDG:  
UN1791 Class 8 Packing Group III Marine Pollutant: NO EmS Code: F-A S-B

IATA  
UN1791 Class 8 Packing Group III Subsidiary Risk:  
Packing Instruction (Cargo) 821 Maximum Quantity: 60L  
Packing Instruction (Passenger) 819 Maximum Quantity 5L

## 15. Regulatory information

**Labelling** The product is classified in accordance with 67/548/EEC. The product is classified in accordance with 67/548/EEC.

**Symbols** Xi – Irritant



**Risk phrases:** R31 – Contact with acids liberates toxic gas  
R36/38 – Irritating to eyes and skin

**Safety phrases:** S1/2 – Keep locked up and out of the reach of children.  
S24/25 – Avoid contact with eyes and skin.  
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)  
S50 – Do not mix with acids.

## 16. Other information

**Text of risk of phrases** R31 – Contact with acids liberates toxic gas  
**In section 2** R34 - Causes burns  
R50 - Very toxic to aquatic organisms

**Further information:** This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is implied.