

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

Product Name: Bleach
Product Distributor: Britex Cleaning Products · Unit 3 · Hudson Road · Bedford MK41 0LZ · United Kingdom
Telephone: 01234 324530 · Fax: 01234 266873 · Email: sales@britexproducts.co.uk
Manufacturer: Selden Research Ltd · Buxton · Derbyshire SK17 9RZ · United Kingdom

2 HAZARDS IDENTIFICATION

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

3 COMPOSITION / INFORMATION ON INGREDIENTS

	<i>Name</i>	<i>EINICS No.</i>	<i>CAS No.</i>	<i>Content</i>	<i>Classification</i>
Hazardous Ingredients:	Sodium Hypochlorite Solution (See also section 16)	231-668-3	7681-52-9	1-5% (active Cl)	C: R34 R31; N:R50

4 FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.
Inhalation: Vacate from source of exposure. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Skin Contact: Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
Eye Contact: Bathe the affected eye with plenty of water whilst lifting eye lid. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray to cool containers. Use fire-extinguishing media appropriate for surrounding materials.
Exposure Hazards: Product is non-flammable. In combustion containers may emit toxic fumes.
Protection: Wear self-contained breathing apparatus. Wear specialist protective clothing to prevent contact with skin and eyes.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Contain spillage if possible without risk. Do not take action without suitable protective clothing (see section 8).
Environmental Precautions: Do not discharge into water sources or sewers. Contain spillage using bunding.
Clean-up Procedures: Absorb in vermiculite, dry sand or earth. Transfer to a closeable, labelled, salvage container for disposal.

7 HANDLING AND STORAGE

Handling Requirements: Avoid direct contact with the substance. Eye protection should be considered where there is a risk of splashing. Suitable protective gloves and barrier cream are recommended when using any chemical.
Storage: Store in cool, well ventilated area. Keep in original container only. Keep container tightly closed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand Protection: Chemical resistant gloves required for prolonged or repeated contact.
Eye Protection: Safety glasses or goggles.
Skin Protection: General workwear.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Properties:	<i>State</i>	<i>Colour</i>	<i>Odour</i>	<i>Oxidising</i>	<i>Solubility</i>	<i>Relative Density</i>	<i>Boiling Point °C</i>	<i>pH</i>
	Liquid	Pale Yellow	Chlorine	Non-oxidising	Soluble in Water	1.065-1.075 @ 20°C	>100	10-12

10 STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Excessive heat.
Materials to Avoid:	Strong reducing agents. Strong acids.
Hazard. Decomp. Products:	In combustion emits toxic fumes.

11 TOXICOLOGICAL INFORMATION

Ingestion:	Burning sensation in mouth. Gastrointestinal symptoms, including upset stomach.
Inhalation:	May irritate respiratory system or lungs.
Skin Contact:	May irritate skin.
Eye Contact:	Extreme irritation of eyes, including burning and tearing.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Not classed as hazardous to the environment but release to the environment should be avoided.
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13 DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose of waste and residues in accordance with local authority requirements.
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14 TRANSPORT INFORMATION

	<i>UN No.</i>	<i>Class</i>	<i>Packing Group</i>	<i>Labelling</i>	<i>Other Information</i>
ADR / RID:	Not classified.				
IMDG / IMO:	Not classified.				
IATA / ICAO:	Not classified.				

15 REGULATORY INFORMATION

Labelling:	Xi: Irritant
Risk Phrases:	R31: Contact with acids liberates toxic gas. R36/38: Irritating to eyes and skin.
Safety Phrases:	S2: Keep out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39: Wear suitable gloves and eye/face protection.
Statutory Instruments:	Chemicals (Hazard Information and Packaging) Regulations.
Approved Code of Practice:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes:	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for Everyone HSG(108).

16 OTHER INFORMATION

General Information:	(<i>Risk phrases used in Section 3</i>): R31: Contact with acids liberates toxic gas. R34: Causes burns. R50: Very toxic to aquatic organisms.
Legal Disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and should only be used as a guide.
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