

BLEACH**E001****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product Code E001

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Product Name BLEACH

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2 HAZARDS IDENTIFICATION

R31 Contact with acids liberates toxic gas., R36/38 Irritating to eyes and skin.

Classification Xi;R36/38. R31.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINICS No.	CAS No.	Content	Classification
SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE	231-668-3	7681-52-9	1 - 5%	C;R34 R31 N;R50

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION Move the exposed person to fresh air at once., Rinse nose and mouth with water., Get medical attention if any discomfort continues.

INGESTION Remove victim immediately from source of exposure., DO NOT INDUCE VOMITING!, Rinse mouth thoroughly., Drink plenty of water., Get medical attention.

SKIN CONTACT Remove affected person from source of contamination., Remove contaminated clothing., Rinse with water., Get medical attention if any discomfort continues.

EYE CONTACT Promptly wash eyes with plenty of water while lifting the eye lids., Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA This product is not flammable., Use fire-extinguishing media appropriate for surrounding materials., Use:, Dry chemicals, sand, dolomite etc., Foam., Water spray.

SPECIAL FIRE FIGHTING PROCEDURES Use water to keep fire exposed containers cool and disperse vapours.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Wear necessary protective equipment., Stop leak if possible without risk., Absorb in vermiculite, dry sand or earth and place into containers., Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Avoid spilling, skin and eye contact.

USAGE DESCRIPTION Store in tightly closed original container in a dry, cool and well-ventilated place., Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT**

HAND PROTECTION Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION Use eye protection.

OTHER PROTECTION General workwear only

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear, Liquid

COLOUR Light (or pale), Yellow

ODOUR Slight odour, Chlorine.

BOILING POINT (°C) > 100

RELATIVE DENSITY 1.065 - 1.075 @ 20 °c

SOLUBILITY Soluble in water

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions.

CONDITIONS TO AVOID Avoid contact with acids., Oxidising, avoid contact with reducing agents.

MATERIALS TO AVOID Strong reducing agents., Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS Fire or high temperatures create:, Toxic gases/vapours/fumes of:, Carbon dioxide (CO₂)., Carbon monoxide (CO).

11 TOXICOLOGICAL INFORMATION

INHALATION	Vapour may irritate respiratory system or lungs.
INGESTION	Burning sensation in mouth., Gastrointestinal symptoms, including upset stomach.
SKIN CONTACT	Liquid may irritate skin.
EYE CONTACT	Extreme irritation of eyes and mucous membranes, 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

ROAD TRANSPORT NOTES	Not Classified
SEA TRANSPORT NOTES	Not Classified.
AIR TRANSPORT NOTES	Not Classified.

15 REGULATORY INFORMATION

LABELLING



Irritant (Xi)

RISK PHRASES	R31 Contact with acids liberates toxic gas., R36/38 Irritating to eyes and skin.
SAFETY PHRASES	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., S2 Keep out of the reach of children
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations., Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES	Workplace Exposure Limits EH40., CHIP for everyone HSG(108).

16 OTHER INFORMATION

GENERAL INFORMATION	The following risk phrases relate to the raw materials in the product and not the product itself-
REVISION DATE	09/05/2006
REV. NO./REPL. SDS GENERATED	5
RISK PHRASES IN FULL	R31 Contact with acids liberates toxic gas., R34 Causes burns., R50 Very toxic to aquatic organisms.