

All surfactants used in this product comply with the current European/GB Regulations concerning Biodegradability and protection of the environment

Product Information

CHLORINE BLEACH

Chlorine Active Hypochlorite Solution 5% Suitable for Dilution

- Suitable to dilute for vegetable washings
- Removes stains, yeast and proteins.
- Low foam – efficient, maximises cleaning action

Product Description:

Chlorine Bleach is a modern low foam mildly alkaline cleaner which can be used for general disinfection and hard surface disinfection. Chlorine Bleach can also remove stains from white fabrics and returns clothes to their original state

Chlorine Bleach contains a 5% solution of sodium hypochlorite. It is designed to bleach at all temperatures, giving high standards of stain removal and bactericidal properties. It is based on a highly effective bleaching agent which provides a steady, controlled, bleaching action.

This product is suitable for wash water and does not contain surfactants or tainting substances.

Directions and Dilutions:

- **General cleaning:** dilute 1:10 with water for bactericidal, fungicidal, virucidal properties for use after cleaning
- **Vegetable washings:** dilute approximately 1:250 for use washing fruit and vegetables concentrations will be around 180 ppm free chlorine.

Useful Information:

Product Characteristics: Colourless to pale yellow liquid with a characteristic odour

Storage: Store in dry conditions at ambient temperatures. Replace immediately after use. Keep dry. Shelf life unopened approx. 1 year.

Availability: Available in 2x5 Litre's box

For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.

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Safety Data

1) IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: Chlorine Bleach

Product Code: LB05

Date Updated: 25.05.21

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

SODIUM HYPOCHLORITE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
231-668-3	7681-52-9		Skin Corr. 1B: H314; Aquatic Acute 1: H400; -: EUH031	1-10%

3) HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; -: EUH031

Most important adverse effects: Irritating to eyes and skin. Very toxic to aquatic organisms.

Hazard statements: EUH031: Contact with acids liberates toxic gas. H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion, GHS09: Environmental



Precautionary statements: P264: Wash hands thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTRE or doctor. P332+313: If skin irritation occurs: Get medical advice/attention.

Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

4) FIRST AID MEASURES

Symptoms

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.

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

Most important symptoms and effects, both acute and delayed

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.

Delayed/Immediate Effects: Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed/ special treatment: Eye bathing equipment should be available on the premises.

5) FIRE FIGHTING MEASURES

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

Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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

6) ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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.

Methods and material for containment and cleaning up

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

Do not discharge into drains or rivers

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.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Specific end use(s): No data available.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

SODIUM HYPOCHLORITE

Workplace exposure limits: (REL) is 0.5 ppm (as Chlorine) 15mins

DNEL/PNEC Values: No data available

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

Odour: Characteristic odour

Evaporation rate: Slow

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range: >35

Flash point: >93.

10) STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat.

Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

Hazardous decomposition products

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

11) TOXICOLOGICAL INFORMATION

SODIUM HYPOCHLORITE

ORL	MUS	LD50	5800	mg/kg
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Relevant hazards for product:

Effect	Route	Basis
Corrosivity	OPT INH DRM	Hazardous: calculated

Symptoms / routes of exposure

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.

Safety Data

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.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

13) ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity values: No data available.

Persistence and degradability: Biodegradable.

Bio accumulative potential: No bioaccumulation potential.

Mobility in soil: Readily absorbed into soil.

PBT identification: This product is not identified as a PBT/vPvB substance.

Other adverse effects: Negligible ecotoxicity

14) DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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

15) TRANSPORT INFORMATION

UN number: UN3082

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport class: 9

Packing group: III

Environmentally hazardous: Yes

Marine pollutant: No

Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

16) OTHER INFORMATION

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in S.2 and S.3: EUH031: Contact with acids liberates toxic gas.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H400: Very toxic to aquatic life.

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.