



## SAFETY DATA SHEET

Revision date: 06.06.2023

BLEACH 5H

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### SECTION 1: Product and Company Identification

Product Identifier

**Name: BLEACH 5H**

**SABS 1853:2020**

**Permit No: 9483/ 15034**

**Original registration: 20/07/2011**

**Control Date/ Latest Issue: 19/07/2026**

Product Description

Bleach disinfectant

Details of the Supplier

PCS Gauteng (Pty) Ltd.

1 Mints Street,

Old Mint Park,

Centurion

Telephone:

011 314 3014

Website:

[www.primecs.co.za](http://www.primecs.co.za)

### SECTION 2: Hazards Identification

Classification of the substance or mixture

Hazard Ingredients:

Sodium Hypochlorite

Adverse human health effects:

Causes eye and skin irritation.

Label elements

Signal word:

Corrosive

Pictograms:





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### SECTION 2: Hazards Identification - continued

Hazard statements:

Reaction with acids will release toxic chlorine gas. Irritating to eyes and skin. Do not ingest. Causes severe skin and eye damage.

Precautionary statements:

Do not breathe gas/fume/vapours and sprays. Wash hands thoroughly after handling. Wear protective gloves/eye/face protection. If swallowed: rinse mouth and do not induce vomiting.

If inhaled: remove to fresh air and keep at rest in a position comfortable for breathing. If on skin (or hair): immediately remove/take off all contaminated clothing. Immediately rinse skin with water/shower. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store away from foodstuffs. Rinse from food contact surfaces after use. Dispose of contents/container in accordance with local regulations. Warning - do not mix with any other chemicals. May release dangerous gases. Keep out of reach of children. Wear suitable neoprene gloves and eye/face protection. Workers should have access to a wash fountain. If splashed in eyes, wash thoroughly with tepid water.

Environmental effects:

High concentrations may be harmful to aquatic life.

Physical hazards:

None.

Chemical hazards:

Reaction with acids will release toxic chlorine gas.  
Non-Flammable

### SECTION 3: Composition / Information on Ingredients

Chlorine based bleach.

#### Chemical Preparation

Chemical nature:

Sodium Hypochlorite

Components contributing to the hazard:

Sodium Hypochlorite

Impurities contributing to the hazard:

None known.



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### SECTION 4: First aid Measures

Inhalation:	Do not inhale directly. Move patient to fresh air.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water.
Eye contact:	Wear goggles to prevent splashing in eyes. Flush with running water holding eyelids open. If irritation persists, consult a doctor.
Ingestion:	Do not drink. Do not induce vomiting, drink lots of water. Seek medical attention

### SECTION 5: Firefighting Measures

Recommendation:	None - Non-Flammable
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### SECTION 6: Accidental Release Measures

Personal precautions:	Avoid eye contact. Do not ingest. Wear gloves
Environmental precautions:	Do not discharge down drains in large quantities
Neutralising Chemicals:	Water
Waste Disposal:	Not necessary

### SECTION 7: Handling and Storage

Handling:	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Refer to special instructions/safety data sheet. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Product is not harmful or explosive. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Ensure container is not leaking and well-sealed Wash hands thoroughly after handling.
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Storage:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Store in accordance with local regulations.

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Store away from children.

### SECTION 8: Exposure Controls and Personal Protection

Limit values:	To be monitored at the work place.
Monitoring procedures:	Keep container closed when not in use
Respiratory Protection:	None required.
Hand protection:	Wear nitrile gloves if desired
Eye Protection:	Wear goggles if splashing is anticipated.
Skin and body protection:	None required.

### SECTION 9: Physical and Chemical Properties

Form	Liquid
Colour	Yellowish, may contain small amounts of precipitate
Odour	None
pH value @ dilution rate for stains: 100 – 250 ml per 10L of water for 5 minutes.	Between 9 -14
pH value @ dilution rate for sanitizing: 250ml per 10L of water for 5 minutes.	Between 9 -14
pH value @ neat for toilet cleaning.	Between 9 -14



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Melting & Freezing point:	Not Applicable
Boiling, initial boiling point and boiling range:	Not Applicable
Flash point:	Not Applicable
Upper/lower flammability:	Not Applicable
Vapour density:	Not Applicable
Density/relative density:	Not Applicable
Solubility:	Not Applicable
N-octanol/water partition coefficient:	Not Applicable
Auto ignition temperature:	Not Applicable
Decomposition temperature:	Not Applicable
Solubility	Completely soluble in water
Wetting	Excellent
Emulsification	None
Free rinsing	Yes
Biodegradable	Not established
Gravity	1.01

### SECTION 10: Stability and Reactivity

Chemical stability:	No Information Available
Hazardous reactions occurring under specific conditions:	No Information Available
Conditions to avoid:	Direct Sunlight
Incompatible materials:	Acids
Hazardous Decomposition:	Highly reactive to metals, oxidising agents, reducing agents, acids and moisture.

### SECTION 11: Toxicological Information

Acute toxicity:	Released Chlorine is toxic by inhalation
Skin irritation:	Strong caustic effect on skin. May cause skin irritation.
Eye damage / irritation:	May cause severe eye irritation.
Respiratory:	Inhalation may adversely affect respiratory tract.



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reproductive cell mutagenicity:	No Information available
Carcinogenicity:	No Information available
Reproductive toxicity:	No Information available
Specific target organ toxicity-single exposure:	No Information available
Specific target organ toxicity-repeated exposure:	No Information available
Aspiration hazard:	No Information available

### SECTION 12: Ecological information

Possible environmental effects:	High concentrations may be harmful to aquatic life.
Behaviour and fate:	Avoid large spills entering waterways. Flush to drain with lots of water or use absorbent.
Persistence / Biodegradability:	Not established.
Bio accumulative potential:	No further information available.
Mobility in soil:	No further information available.

### SECTION 13: Disposal considerations

Waste disposal:	Flush to drain with lots of water
Disposal of contaminated packaging:	At any government approved waste disposal facility.

### SECTION 14: Transport information

Proper shipping name:	BLEACH 5H
Class:	Irritant liquid
Danger group	Irritant liquid
Precautionary transport measures & conditions:	UN No 1791, ERG 154, Tremcard 45/80G12, EAC 59 As for handling chemicals.



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### SECTION 15: Regulatory information

Regulations specifically applicable to the product:	None Known.
National legislation:	Not Applicable
Hazard and safety information:	Take usual good care

### SECTION 16: Additional Information

Always use according to manufacturer's instructions.

The information contained herein is based on our current knowledge and experience at this time and summarizes to the best of our knowledge the health and safety hazardous information relating to the product.

The data is intended only as a guide for the handling and safety of the product.

We do not assume any liability for the consequences of the use of this product, since it is applied under conditions beyond our control and with which we may be unfamiliar.

Final determination of the suitability of use of the product for any particular purpose is the sole responsibility of the user. Although certain hazards are mentioned, we cannot guarantee that these are the only hazards that exist.

We believe the product will perform the task for which it is intended, but do not in any way guarantee it will do so as conditions of actual use are beyond our control, under no circumstances shall we or our agents be liable for any consequential loss arising from its use.