

**PRODUCT DATA SHEET****BLEACH 5H**

Revision date: 20.03.2024

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**1 General Description**

- Concentrated bleach solution containing 5% sodium hypochlorite for powerful disinfection and stain removal.
- With its powerful antimicrobial properties, this bleach effectively eradicates harmful bacteria, viruses, and fungi from various surfaces, promoting a hygienic environment.
- Bleach 5H holds SABS 1853 approval, meeting standards for application within the food industry.

**2 Advantages and Features**

- Suitable for both household and commercial use, catering to a wide range of cleaning needs.
- Helps eliminate odours and leaves behind a fresh, clean scent.
- Enhances overall cleanliness and hygiene standards, contributing to a healthier living and working environment.
- Helps prevent the spread of infectious diseases by effectively disinfecting surfaces.
- Bleach 5H is formulated to be free rinsing, leaving behind no harmful residues after cleaning, ensuring surfaces are thoroughly clean and safe for immediate use.
- Biodegradable.

**3 Application**

- To test fast colours – Cut a small piece of fabric and soak in a solution of 125 ml Bleach-5H mixed with 250ml water. Should no change in colour occur then it is safe to proceed.
- For a whiter wash – Mix 30ml of Bleach-5H in 10 litres of water, add the laundry and leave for a while. Wash and rinse well with clean water.
- Stubborn stains – Soak the stained item in warm water for ten minutes, rinse then soak in a solution of 50mls of Bleach per 10 litres of cold water for 10 to 20 minutes. Rinse well and repeat if necessary.



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- Disinfecting and deodorizing – Mix 200ml of Bleach-5H in 10 litres of warm water then wash the item thoroughly, leave in the solution for five minutes and rinse in clean water.
- Surface Cleaning: Clean thoroughly with a general detergent and then use Bleach-5H at a dilution rate of 100ml of Bleach -5H per 10L of water. The product will contain 400ppm of available chlorine at this dilution. If the surface to be cleaned is non-porous, dilute at a ratio of 50ml of Bleach-5H per 10L of water.

#### 4 Product Technical information

- Active ingredients:
  - Sodium Hypochlorite / Chlorine content: 5 -7.5 % m/v
    - This ingredient is used for disinfecting
- Available in:
  - 5-Litre container
  - 25-Litre container
- Undiluted (Product should be diluted prior to use)

#### 5 Physical Properties

- Colour: 5% when packed
- Appearance: Light straw
- pH: 12
- Odour: Chlorine Odour
- Specific Gravity: 1.05
- Flash Point: None
- Heat Stability: Stable at room temperature

#### 6 Toxicology and First Aid:

**Caution:** This product should not be used on items such as galvanized surfaces and aluminium alloys. Do not mix with acids or acid based products as this will result in the release of chlorine gas.

- Eyes: Wear safety eyewear when handling this product. Seek medical advice and rinse eyes with clean running water for at least 15 minutes.
- Skin: Wear gloves when handling this product. Seek medical advice if symptoms persist.
- Ingestion: Do not induce vomiting. Seek medical attention.



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- Inhalation: Ensure good ventilation in the area where product is used. If throat irritation occurs, remove person to fresh air and seek medical advice if symptoms persist.

#### 7 **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 summarises to the best of our knowledge the health and safety and 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.