



## SAFETY DATA SHEET

### MICROGUARD

Revision date: 10.10.2025

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#### SECTION 1: Product and Company Identification

##### Product Identifier

Product Description

Trade Name:

NSF Registration:

UN No:

Chemical Family:

##### **Name: Microguard**

Chlorine Disinfectant - Cleaner

Microguard

Category code: D1, NSF Reg. No. 170337  
Manufactured by permit holder: C0817434

3082 (Miscellaneous substances)

Chlorine detergent in sachets

##### Details of the Supplier

Postal Address:

Telephone:

Website:

##### **Prime Cleaning Suppliers (Pty) Ltd.**

1 Pepper Place  
Rainbow Park 2  
Montague Gardens, 7441

Postnet 95  
Private Bag X7  
Chempet 7442

021 551 4570

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

#### SECTION 2: Composition & Information on Ingredients

##### Classification of the substance or mixture

Hazard Ingredients:

EEC – classification:

R phrases

Organic Chlorine

Irritant (Xi)

1. R22
2. R36



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#### SECTION 2: Hazards Identification

Main Hazard:	Irritant
Flammability:	Non-Flammable
Chemical hazards:	Reacts with nitrogen containing compounds
Eyes:	Irritation and redness
Skin:	Non-Hazardous, prolonged use will cause defatting.
Ingestion:	Burning of the throat. Seek Medical Advice
Inhalation:	Irritant to the respiratory tract.

#### Label elements

Signal word:	Corrosive
Pictograms:	



#### 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, seek medical attention.
Ingestion:	Do not drink. Wash out mouth thoroughly with water. Do not induce vomiting and drink lots of water. Seek medical attention.

#### SECTION 5: Firefighting Measures

Extinguishing media:	Use media appropriate for the surrounding area.
Special Hazards:	Release of explosive gas if mixed with acids or ammonia.
Protective Clothing:	Wear full protective clothing while fighting fire.



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#### SECTION 6: Accidental Release Measures

Personal precautions:	Remove all people from the area. Avoid contact with eyes.
Environmental precautions:	Flush with a large volume of water.
Small spill:	Flush with a large volume of water.
Large spill:	Contain spill with inert absorptive material and dispose according to local municipal regulations.

#### SECTION 7: Handling and Storage

Handling:	Wear gloves and minimise personal exposure.
Storage:	Store in a cool dry place away from sources of heat and direct sunlight. Keep storage container closed when storing.

#### SECTION 8: Exposure Controls and Personal Protection

Occupational Exposure Limits.	Not Determined in terms of OEL
Engineering Control Measures:	N/A
Respiratory:	Do not breath in powder.
Hand protection:	Use of gloves recommended
Eyes:	Use goggles if splashing expected.

#### SECTION 9: Physical and Chemical Properties

Appearance:	White granular powder
Odour:	Distinctive chlorine odour
pH	9.5 – 10.5
Solubility-Water	Fully soluble
Flash point:	N/A
Boiling point:	N/D

#### SECTION 10: Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Extreme heat and fire
Incompatible materials:	Acids and ammonia. Never mix with other chemicals.



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#### SECTION 11: Toxicological Information

Acute toxicity:	N/A
Carcinogenicity:	N/A
Mutagenicity:	N/A
Reproductive Hazards:	N/A

#### SECTION 12: Ecological information

Aquatic toxicity - fish	Not Determined
Aquatic toxicity - daphnia:	Not Determined
Aquatic toxicity- algae:	Not Determined
Bio Degradability:	Bio Degradable

#### SECTION 13: Disposal considerations

Disposal methods:	Dispose according to local municipal regulations.
Packaging:	Send to a recycle company or return to supplier.

#### SECTION 14: Transport information

UN NO:	3082
Packing Group:	Class 9: Irritant powder
ADR/RID class:	III



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#### SECTION 15: Regulatory information

EEC - Hazard Classification:	Irritant
Risk Phases:	R22,R36,R37,R38,R41
Safety Phases:	S22,S24/25 ,S26
National Legislation:	N/A – Conforms to EU legislation

#### 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.