



MATERIAL SAFETY DATA SHEET

GERM GUARD

Revision date: 28/05/2021

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SECTION 1: Product and company identification

1.1 Product identifier

Name: GERMGUARD

Germ Guard

SABS 1853:2020

Permit No: 10992/17293

Original registration: 14/06/19

Latest Issue: 22/02/2021

Expiry: 13/06/2022

1.2 Product Description:

Bactericidal / Cleaner / Disinfectant

1.3 Details of the supplier:

Prime Cleaning Suppliers

1 Pepper Place,

Rainbow Park 2,

Montague Gardens

Postnet 95 Private Bag x7 Chempet 7442

Telephone:

021 551 4570

Facsimile:

021 551 4509

Trade Name:

Germ Guard

Chemical Family:

Non Ionic and Cationic Surfactants

Chemical Name:

Formulated product

UN No:

3082



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SECTION 2: Hazards identification

Main hazard:	Irritant
Flammability:	Non-Flammable
Chemical hazard:	Irritant
Biological hazard:	Not determined.
Reproductive hazard:	Not expected to impair fertility.
Eyes:	Irritant Burning
Skin:	Prolonged contact will cause defatting
Ingestion:	Nausea Vomiting
Inhalation:	Excess inhalation will cause coughing

SECTION 3: Composition/information on ingredients

Formulated Mixture	
Hazard Ingredients:	Quaternary ammonium compounds
ECC classification:	Irritant (Xi)
R Phrases:	R36/38

SECTION 4: First aid measures

Ingestion:	Wash out mouth with water, drink as much water as possible, consult doctor.
Eye contact:	Flush with running water for 15 min If irritation persists, consult doctor.
Skin:	Remove contaminated clothing, wash affected area with soap and water.
Inhaled:	Move patient to fresh air.



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SECTION 5: Firefighting measures

Extinguishing media:

Non-flammable - use suitable media for surrounding conditions.

None known.

Protective Clothing:

Always use a self-contained breathing apparatus when fighting chemical fires.

SECTION 6: Accidental release measures

Small spill:

Dilute 1000 times with water and flush away.

Large spill:

Contain with inert material and dispose according to local municipal regulations.

SECTION 7 Handling and storage

Personal:

Minimise personal exposure.

Storage:

Store in a cool dry place away from sources of heat and direct sunlight.

SECTION 8 Exposure controls / Personal protection

Eyes /Face

Staff should have access to an eye fountain.

Safety goggles should be worn if it is expected the product may splash.

Hand protection:

Use rubber gloves for prolonged contact.



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SECTION 9: Physical and chemical properties

Form:	Liquid
Colour:	Yellow
Odour:	No Perfume
PH	6.5 - 8
Solubility water:	Fully soluble

SECTION 10: Stability and reactivity

Stability:	Product is stable under normal conditions.
Hazardous Decomposition:	None known to PCS
Conditions to avoid:	Do not mix with other chemicals.
Incompatibility:	Strong oxidants and acids

SECTION 11: Toxicological information

Based on **QAC**

Acute toxicity:	Oral: LD50 795 mg/kg (rat) Dermal: LD50 1560 mg/kg (rat)
Carcinogenicity:	No evidence
Mutagenicity:	No evidence
Reproductive hazards:	Not expected to affect fertility

SECTION 12: Ecological information

Based on **QAC**

Aquatic toxicity - fish	LC50 /96h 1.7mg/l (rainbow trout)
Aquatic toxicity - daphnia:	EC 50 / 48h 0.03mg/l
Aquatic toxicity- algae:	EC50/96h .06mg/l
Persistence / Biodegradability:	Readably bio degradable
Bio Accumulation:	Will not bio accumulate.



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SECTION 13: Disposal considerations

Disposal methods:

Dilute 1000 times with water and flush, for large and regular amounts, complete a waste disposal assessment.

Packaging:

Send to a recycle company or return to supplier.

SECTION 14: Transport information

UN NO:	3082
ADR/RID class:	Class 9 Irritant
IMDG packaging	III
Marine pollutant:	No
IATA - class	9 Irritant

SECTION 15: Regulatory information

EEC hazard classification:	Irritant (Xi)
Risk Phrases	R22/36/37/38
Safety Phrases:	S24/25/62



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SECTION 16: ADDITIONAL INFORMATION

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.