



SAFETY DATA SHEET

Germinator Anti-Bacterial Hand Soap

Product Type: Antibacterial Liquid Hand Soap

Product: Germinator Anti-Bacterial Hand Soap

Document Version: 1.0

Date of Issue: 7 September 2026

SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

1.1 Product identifier

Product Name: Germinator Anti-Bacterial Hand Soap

Product Type: Antibacterial liquid hand wash

1.2 Recommended use

Germinator Anti-Bacterial Hand Soap is intended for:

- Daily handwashing
- Homes
- Offices
- Schools
- Healthcare settings
- Washrooms and kitchens
- Frequent handwashing

1.3 Restrictions on use

- For external use only.
- Do not ingest.
- Avoid contact with eyes.
- Use only as directed.



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SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the product

Based on the information provided, the finished product is **not expected to be classified as hazardous during normal intended use.**

The final classification should be confirmed using the complete formulation and applicable regulations.

2.2 Label elements

Signal word: Not applicable based on currently available information.

Hazard statements:

- May cause temporary eye irritation.
- May cause irritation in individuals with sensitive skin.

Precautionary statements:

- For external use only.
- Avoid contact with eyes.
- Rinse eyes immediately with plenty of water if contact occurs.
- Keep out of reach of children.
- Discontinue use if irritation develops.

2.3 Other hazards

Spilled product may make floors and other smooth surfaces slippery.



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Germinator Anti-Bacterial Hand Soap is a formulated liquid cleansing product containing water, cleansing agents, moisturisers, antibacterial agents and fragrance.

Typical formulation components may include:

- Water
- Cleansing/surfactant agents
- Antibacterial agent(s)
- Moisturising agents
- pH-adjusting agents
- Preservatives
- Floral fragrance
- Colourants, where applicable

Important: Exact ingredient names, CAS numbers and concentrations must be obtained from the final formulation. These should be included where required by applicable regulations.



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SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

Eye contact: Rinse immediately with plenty of clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

Skin contact: The product is intended for application to the skin. If irritation or discomfort develops, discontinue use and rinse the affected area with clean water.

Inhalation: Inhalation is not expected to be a significant exposure route during normal use. Move to fresh air if discomfort occurs.

Ingestion: Rinse mouth with water. Do not deliberately induce vomiting. Seek medical advice if a significant amount has been swallowed or if symptoms develop.

4.2 Most important symptoms and effects

Possible effects may include:

- Temporary eye irritation
- Skin irritation or sensitivity
- Discomfort following accidental ingestion

4.3 Medical attention

Seek medical attention if symptoms persist or become severe.



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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Use extinguishing media suitable for the surrounding fire, including:

- Water spray
- Foam
- Dry chemical
- Carbon dioxide

5.2 Specific hazards

The product is primarily water-based and is not expected to be highly flammable under normal conditions.

Heating or combustion may produce irritating fumes.

5.3 Advice for firefighters

Firefighters should use appropriate protective clothing and respiratory protection where necessary according to the conditions of the fire.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

- Avoid contact with eyes.
- Avoid unnecessary prolonged contact with the product.
- Exercise caution because spilled soap can create a slippery surface.
- Wear suitable protective equipment when cleaning large spills.

6.2 Environmental precautions

Prevent large quantities from entering drains, waterways or the environment where practicable.

6.3 Methods for containment and cleaning

1. Stop the leak if it is safe to do so.
2. Contain the spilled product.
3. Collect or absorb the spill using suitable absorbent material.
4. Place collected material in a suitable waste container.
5. Wash the affected surface thoroughly with water.



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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Use according to the directions provided.
- For external use only.
- Avoid contact with eyes.
- Keep containers tightly closed when not in use.
- Clean spills promptly.
- Keep out of reach of children.

7.2 Conditions for safe storage

Store:

- In a cool, dry place
- Away from direct sunlight
- In tightly closed containers
- Away from extreme temperatures
- Protected from freezing
- Away from incompatible materials

7.3 Incompatible materials

No specific incompatibilities have been identified from the information provided. Avoid mixing with other chemicals unless compatibility has been confirmed.



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limits

No occupational exposure limits have been established for the finished product based on the information provided.

8.2 Engineering controls

Normal ventilation is generally adequate for intended use.

8.3 Personal protective equipment

Normal use: No special personal protective equipment is normally required.

Bulk handling or spill clean-up: Suitable protective gloves and eye protection may be used where there is a risk of prolonged contact or splashing.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly pearlescent liquid
Colour	Light pink or white, fragrance-dependent
Odour	Soft floral scent
pH (neat)	5.5 – 7.0
Viscosity at 25°C	1,000 – 2,000 cP
Density at 25°C	1.00 – 1.05 g/cm ³
Solubility	Expected to be water soluble
Foam stability	High, creamy lather
Physical state	Liquid
Flammability	Not expected to be highly flammable under normal conditions
Flash point	Not determined
Boiling point	Not determined



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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactivity is expected during normal use and storage.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected under normal conditions of use and storage.

10.4 Conditions to avoid

- Extreme temperatures
- Freezing
- Direct sunlight
- Excessive heat
- Contamination

10.5 Incompatible materials

No specific incompatible materials have been identified based on the information provided.

10.6 Hazardous decomposition products

No hazardous decomposition products are expected during normal use. Thermal decomposition may produce irritating fumes.



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Likely routes of exposure

- Skin contact
- Eye contact
- Accidental ingestion

11.2 Health effects

Skin: Designed for frequent skin use. However, sensitive individuals may experience irritation.

Eyes: May cause temporary irritation. Rinse immediately with plenty of water following accidental contact.

Ingestion: Not intended for ingestion. Accidental ingestion may cause discomfort.

11.3 Sensitisation

The fragrance or other ingredients may cause sensitivity in susceptible individuals.

Note: A complete toxicological assessment requires ingredient-specific safety and toxicity data.



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SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Specific ecological toxicity data for the finished product has not been provided.

12.2 Persistence and degradability

Not determined for the finished product.

12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

The product is expected to be water-soluble and may move with water.

12.5 Other adverse effects

Avoid releasing large quantities of the product into waterways or the environment.



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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused product and packaging according to applicable local waste-disposal requirements.

Where possible:

- Recycle empty packaging through appropriate recycling facilities.
- Avoid disposal of large quantities into drains or waterways.
- Do not reuse empty containers for purposes other than their intended use unless properly cleaned and approved.



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SECTION 14: TRANSPORT INFORMATION

- Based on the information currently available, Germinator Anti-Bacterial Hand Soap is **not expected to be classified as dangerous goods for normal transport.**

Transport Mode	Classification
Road	Not regulated as dangerous goods based on available information
Rail	Not regulated as dangerous goods based on available information
Sea	Not regulated as dangerous goods based on available information
Air	Not regulated as dangerous goods based on available information



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SECTION 15: REGULATORY INFORMATION

The product should be assessed according to the applicable chemical classification, labelling, occupational health, consumer product and environmental regulations in the country where it is manufactured, distributed or sold.

The final regulatory assessment should consider:

- Complete product formulation
- Ingredient concentrations
- Antibacterial active ingredient
- Raw-material safety classifications
- Applicable local legislation
- Any applicable antibacterial/biocidal product requirements



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SECTION 16: OTHER INFORMATION

Product use

Germinator Anti-Bacterial Hand Soap is intended for frequent handwashing in domestic, educational, workplace, hospitality and healthcare environments.

Directions for use

Apply a small amount to wet hands. Rub hands together thoroughly for at least 20 seconds, covering all surfaces, including between fingers and under nails. Rinse well with clean water and dry hands.

Storage

Store in a cool, dry place away from direct sunlight. Keep the container tightly closed when not in use. Keep out of reach of children.

Important notice

This document is a draft Safety Data Sheet prepared from the product information supplied. It should be reviewed by a suitably qualified person before being used as an official regulatory SDS. The final SDS should include verified ingredient information, CAS numbers, concentrations, supplier details, emergency contact information and the applicable regulatory classification.

Prepared for: Thuleka

Product: Germinator Anti-Bacterial Hand Soap

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