



SAFETY DATA SHEET

Germ Buster Surface Disinfectant

Product Type: Ready-to-Use Surface Disinfectant

Product Name: Germ Buster

Variants: Citrus Shield / Fresh Linen

Document Version: 1.0

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SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER

1.1 Product identifier

Product Name: Germ Buster

Product Type: Ready-to-use surface disinfectant

1.2 Recommended use

Germ Buster is intended for disinfection of hard, non-porous surfaces, including:

- Tables
- Countertops
- Door handles
- Plastic surfaces
- Metal surfaces
- Ceramic surfaces
- Glass surfaces
- Sealed wood surfaces
- Kitchen and bathroom surfaces
- Office and workplace surfaces
- School and clinic surfaces

1.3 Restrictions on use

- Ready-to-use; no dilution required.
- Do not use directly on food.
- Not suitable for unsealed wood or fabric.
- Do not use on surfaces where the product is incompatible.
- Follow the product label directions.



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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 present a significant hazard during normal intended surface-disinfection use.

However, the final hazard classification must be confirmed using the actual formulation, particularly the concentration and identity of the active disinfecting ingredient.

2.2 Label elements

Signal word: To be confirmed following final formulation assessment.

Potential hazard statements:

- May cause eye irritation.
- Avoid prolonged or unnecessary skin contact.
- Product may cause surfaces to become temporarily slippery when wet.
- Do not ingest.

Precautionary statements:

- Keep out of reach of children.
- Avoid contact with eyes.
- Avoid prolonged skin contact.
- Wash hands after handling.
- Do not swallow.
- Use in accordance with label instructions.

2.3 Other hazards

Spilled product may make floors and other smooth surfaces slippery.

If the formulation is alcohol-based, the product may present additional flammability hazards that must be confirmed from the final formulation and flash point.



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Germ Buster is a formulated surface disinfectant containing water, an active disinfecting ingredient, fragrance and other formulation components.

Possible active ingredient systems

The product specification indicates that the active ingredient may be:

- Quaternary ammonium compounds (QACs), or
- An alcohol-based disinfectant

The exact active ingredient must be confirmed for the final product.

Typical formulation components may include:

- Water
- Disinfecting active ingredient
- Surfactants or cleaning agents
- Fragrance
- pH-adjusting agents
- Preservatives
- Other formulation ingredients

Important: Exact ingredient names, CAS numbers and concentrations should be obtained from the final formulation and 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 attention if irritation persists.

Skin contact: Wash the affected area with clean water. If irritation develops or persists, discontinue exposure and seek medical advice.

Inhalation: Move the affected person to fresh air if discomfort occurs. Seek medical attention if symptoms persist.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately, particularly if a significant quantity has been swallowed.

4.2 Most important symptoms and effects

Possible effects include:

- Eye irritation
- Skin irritation following prolonged contact
- Throat or gastrointestinal discomfort following accidental ingestion
- Irritation following exposure to concentrated vapour or spray mist

4.3 Medical attention

Seek medical attention if symptoms persist or following significant accidental ingestion.



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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Use extinguishing media appropriate for the surrounding fire,

including:

- Water spray
- Foam
- Dry chemical
- Carbon dioxide

5.2 Specific hazards

The fire hazard depends on the final formulation.

Water-based/QAC formulation: Not expected to be highly flammable under normal conditions.

Alcohol-based formulation: May be flammable depending on the alcohol concentration and measured flash point.

Heating or combustion may produce irritating or hazardous fumes.

5.3 Advice for firefighters

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



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

- Avoid contact with eyes and skin.
- Avoid breathing spray mist where applicable.
- Keep unnecessary personnel away from the spill.
- Exercise caution because the product may make surfaces slippery.
- Keep away from ignition sources if the final product is alcohol-based.

6.2 Environmental precautions

Prevent large quantities of product 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. Keep the area clear of unnecessary personnel.
3. Contain the spilled product.
4. Absorb or collect the product using suitable absorbent material.
5. Place contaminated absorbent material in an appropriate waste container.
6. Clean the affected surface with water where appropriate.
7. Ventilate the area if required.



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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Use only as directed.
- Do not ingest.
- Avoid contact with eyes and prolonged skin contact.
- Avoid inhaling spray mist.
- Wash hands after handling.
- Clean spills promptly.
- Do not mix with other cleaning or disinfecting chemicals unless compatibility has been confirmed.

7.2 Conditions for safe storage

Store:

- In a cool, dry place
- Away from direct sunlight
- Away from excessive heat
- In tightly closed containers
- Away from incompatible materials
- Out of reach of children

If alcohol-based: Store away from heat, sparks, flames and other ignition sources.

7.3 Incompatible materials

Avoid mixing with incompatible cleaning chemicals. Compatibility should be confirmed for the final formulation.



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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.

Ingredient-specific exposure limits should be included once the final active ingredient and formulation are confirmed.

8.2 Engineering controls

Normal ventilation is generally adequate for routine use. Increased ventilation may be appropriate when using the product extensively in enclosed areas.

8.3 Personal protective equipment

Normal use: No special protective equipment is normally required when the product is used according to the label.

Prolonged use or bulk handling: Suitable protective gloves may be worn.

Eye protection: Safety glasses or suitable eye protection are recommended when there is a risk of splashing.

Respiratory protection: Normally not required under recommended conditions of use. Avoid breathing excessive spray mist.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly tinted liquid
Colour	Colourless to pale, fragrance-dependent
Odour	Fresh, pleasant scent
pH (neat)	6.0 – 8.0
Viscosity at 25°C	Not specified
Density at 25°C	0.98 – 1.02 g/cm ³
Solubility	>60°C if alcohol-based / N/A if water-based
Foam stability	Not specified
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 when used according to the product instructions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected under normal conditions. Do not mix with incompatible chemicals.

10.4 Conditions to avoid

- Excessive heat
- Direct sunlight
- Freezing
- Contamination
- Ignition sources if alcohol-based

10.5 Incompatible materials

Avoid mixing with other cleaning products or chemicals unless compatibility has been confirmed.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may produce irritating or hazardous fumes.



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Likely routes of exposure

- Eye contact
- Skin contact
- Inhalation of spray mist
- Accidental ingestion

11.2 Health effects

Eyes: May cause temporary irritation.

Skin: Prolonged or repeated contact may cause irritation in sensitive individuals.

Inhalation: Excessive exposure to spray mist may cause irritation.

Ingestion: The product is not intended for ingestion. Accidental ingestion may cause irritation or gastrointestinal discomfort.

11.3 Sensitisation

Fragrance ingredients or other formulation components may cause sensitivity in susceptible individuals.

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



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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

The product is described as biodegradable. Specific biodegradation test data should be obtained for the final formulation.

12.3 Bioaccumulative potential

Not determined for the finished product.

12.4 Mobility in soil

The product is water soluble and may move with water.

12.5 Other adverse effects

Avoid releasing large quantities of 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-management requirements.

Where possible:

- Use or dispose of the product according to label instructions.
- Empty containers should be recycled where appropriate facilities are available.
- Do not dispose of large quantities into 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

- The transport classification depends on the final formulation, particularly whether the product is alcohol-based and its measured flash point.

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

Important: If the final product is water-based with a sufficiently high flash point, it may not be regulated as dangerous goods. If it contains sufficient alcohol, dangerous-goods transport requirements may apply.



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SECTION 15: REGULATORY INFORMATION

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

The final regulatory assessment should consider:

- Exact active ingredient
- Active ingredient concentration
- Complete product formulation
- Hazard classifications of ingredients
- Product efficacy claims
- Applicable disinfectant/biocidal regulations
- Packaging and labelling requirements
- Environmental requirements

Important: The claim that Germ Buster "kills 99.9% of germs and viruses" should be supported by appropriate efficacy testing and should only be used on the final product label where permitted by the applicable regulations.



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SECTION 16: OTHER INFORMATION

Product use

Germ Buster is a ready-to-use surface disinfectant intended for hard, non-porous surfaces in homes, schools, workplaces, kitchens, bathrooms, clinics and other professional settings.

Directions for use

General Surface Disinfection: Spray directly onto the surface. Ensure adequate coverage and allow a contact time of at least 1 minute. Wipe with a clean cloth or paper towel. No rinsing is required unless the product is used on a food-contact surface.

High-Risk Areas: Ensure complete surface coverage and allow a 5-minute contact time where required for maximum efficacy.

Surfaces not recommended

Do not use directly on:

- Food
- Fabric
- Unsealed wood
- Other surfaces incompatible with disinfectants

Storage

Store in a cool, dry place away from direct sunlight and heat. Keep the container tightly sealed 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 the confirmed active ingredient, CAS number, concentration, complete formulation, supplier details, emergency contact information, verified flash point and final transport classification.



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