

Safety Data Sheet

Infosafe No™ 5GETR Issue Date : November Status : ISSUED

Product Name **HAND SANITIZER**

Not classified as hazardous

1. Identification

GHS Product Identifier HAND SANITIZER
Product Code BPHS
Company Name Global BioProtect, LLC
Address 1554 Polaris Pkwy Suite #325
Columbus, OH 43240 USA
Telephone/Fax Number Tel: 1-614-396-8779
Emergency phone number 1-800-535-5053 (USA), 1-352-323-3500 (INT) - Use Customer ID#107960
E-mail Address s.roberts@bioprotect.bio
Recommended use of the chemical and restrictions on use Hand anti-bacterial treatment.
Additional Information Tariff code: 380840.00

2. Hazard Identification

GHS classification of the substance/mixture Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
Not classified as Dangerous Goods.
Classification is based on testing conducted on a similar proprietary blend.
Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
Other Information

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Alcohols, C12-15, ethoxylated	68131-39-5	0-1 %
	Polyaminopropyl biguanide	27083-27-8	0-1 %
	3-(trimethylsilyl)propyl dimethylmethyloctadecyl ammonium chloride	27668-52-6	0-1 %
	Benzyl alkyl dimethyl ammonium chloride	8001-54-5	0-1 %
	Other ingredients classified as non hazardous at the concentrations used.		

4. First-aid measures

First Aid Measures If poisoning occurs contact a doctor or Poison Control 1-800-222-1222.
Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.
Inhalation Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.
Ingestion Generally safe on skin. In the event of an allergic reaction, wash affected area thoroughly with soap and water.
Skin Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.
Eye contact

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First Aid Facilities Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor Treat symptomatically. Show this SDS to the medical practitioner.

5. Fire-fighting measures

Suitable extinguishing media Small fire: Use dry chemicals, CO₂, water spray or alcohol resistant foam. Large fire: Use water spray, water fog or alcohol resistant foam. Use equipment/media appropriate to surrounding fire conditions.

Hazards from Combustion Products This product is non combustible. Fumes of decomposition products may be toxic and irritating.

6. Accidental release measures

Spills & Disposal Avoid concentrated spillage from entering drains or watercourse. Remove for disposal in accordance with local waste management. Use suitable containers for disposal.

Personal Protection Refer section 8.

Environmental Precautions Review local regulations before release to the environment.

7. Handling and storage

Precautions for Safe Handling When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas.

Additional information on precautions for use Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection

Occupational exposure limit values SWA exposure limits: None established

Biological Limit Values None established

Appropriate engineering controls Avoid generating and inhaling mists. Keep containers closed when not in use.

Eye Protection No special eye protection is necessary, unless there is a risk of contact with eyes, then it is recommended that safety glasses be considered.

Personal Protective Equipment Use sensible work practices that reduce operator exposure to the product.

9. Physical and chemical properties

Form Liquid

Appearance Clear, pale blue liquid

Odour slight citrus

Boiling Point approximately 100°C

Solubility in Water Miscible with water

Specific Gravity 0.99 - 1.01 g/ml

pH 3.0 - 5.0

Flash Point none

Flammability Non flammable

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10. Stability and reactivity

Conditions to Avoid	Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this MSDS.
Possibility of hazardous reactions	This material is stable under normal conditions of storage and use.
Other Information	Store in a cool, dry place

11. Toxicological Information

Toxicology Information	Toxicological information below is based on the testing of a similar propriety blend.
Acute Toxicity - Oral	LD50 (rats) >2000 mg/kg
Acute Toxicity - Dermal	LD50 (rats) >2000 mg/kg
Acute Toxicity - Inhalation	LC50 4 hours (rats) >1.75mg/L (Unclassified according to GHS criteria)
Ingestion	May cause discomfort & irritation, possibly nausea.
Inhalation	Inhalation of fine mists may cause irritation to the respiratory tract and nasal passages.
Skin	Prolonged contact should not cause problems. Seek medical advice if allergic reactions develop.
Eye	May cause irritation and reddening.
Skin Sensitisation	GHS Classification - Not classified as a skin sensitiser. Magnusson and Kligman Rating of Allergenicity - Weak Sensitiser, Grade 1.
Chronic Effects	No long-term exposure effects are known.

12. Ecological information

Ecotoxicity	No data is available on the product itself. Calculated data indicates that the product may be toxic to some aquatic organisms with long term effects.
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13. Disposal considerations

Disposal Considerations	Remove for disposal in accordance with local waste management regulations. Dilute well with water before discharge.
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14. Transport information

Transport Information	Not classified as a Dangerous Good.
IMDG UN No	3082
IMDG Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains Polyaminopropyl Biguanide and C12-15 Ethoxylated Alcohols)
IMDG Hazard Class	9
IMDG Pack. Group	III
IMDG EMS	F-A, S-F
IMDG Marine pollutant	Yes

15. Regulatory information

Poisons Schedule	Not Scheduled
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16. Other Information

Other Information	SDS version: 3 Reason for revision: Updated classification and toxicology based on
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experimental data.

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

...End Of MSDS...