

SAFETY DATA SHEET

Date Issued

:2017/01/01

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Microsan RX Foaming Hand Sanitizer

GENERAL USE: Disinfectant,
Bactericide Virucide, Fungicide

PRODUCT DESCRIPTION:

Disinfectant

Manufacturer:

Global Biotechnologies, Inc.

19 Rigby Road

Scarborough, Maine 040784

[E-Mail: sales@globalbio.com](mailto:sales@globalbio.com)

Customer Service: 800-755-8420

24 HR. EMERGENCY TELEPHONE NUMBERS

207-799-8420

207-233-8420

2. HAZARDS IDENTIFICATION

GHS LABEL:

NONE

SIGNAL

WORD: None

HAZARD STATEMENTS:

NONE

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear Liquid.

IMMEDIATE CONCERNS: May cause eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation.

SKIN: Intended for use on the skin

SKIN ABSORPTION: Not Established

INGESTION: Ingestion can cause gastrointestinal irritation, nausea,

INHALATION: N/A.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: None Known

CHRONIC EFFECTS: None known.

CARCINOGENICITY: Not Established

MUTAGENICITY: None known.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not established

TERATOGENIC EFFECTS: Not established

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
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n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)

0.14%

68424-85-1

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present,

SKIN: Intended for use on the skin.

INGESTION: No special precautions. Drink copious amounts of water

INHALATION: Does not occur

NOTES TO PHYSICIAN: None

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

HAZARDOUS COMBUSTION PRODUCTS: Not Established

EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Allow runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Allow runoff into storm sewers and ditches which lead to waterways

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: No precautions.

LAND SPILL: No precautions.

AIR SPILL: NA = Not Applicable

GENERAL PROCEDURES: Let product evaporate

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from infants.

HANDLING: No special precautions

STORAGE TEMPERATURE: Store at ambient temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: N/A.

SKIN: N/A

RESPIRATORY: N/A

PROTECTIVE CLOTHING: None Expected.

WORK HYGIENIC PRACTICES: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild, pleasant

COLOR: Clear

pH: 3.4-3.6

FLASH POINT AND METHOD: NA = Not Applicable

FLAMMABLE LIMITS: NA = Not Applicable

VAPOR PRESSURE: 22.3 mm Hg

VAPOR DENSITY: ~ 1

BOILING POINT: 212o F; 100o C

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: 0.4

DENSITY: 8.20

SPECIFIC GRAVITY: 0.9915

VISCOSITY: Water thin.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD50 (rat)	DERMAL LD50
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	N/A	N/A

DERMAL LD50: None

ORAL LD50: > N/A.

EYE EFFECTS: .1 ml may cause transient eye irritation.

SKIN EFFECTS: Not a skin sensitizer

CARCINOGENICITY

IARC: None known.

OSHA: None known.

SENSITIZATION: Not Available

REPRODUCTIVE EFFECTS: None known.

TARGET ORGANS: None known.

TERATOGENIC EFFECTS: Not Available

MUTAGENICITY: Not Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

ECOTOXICOLOGICAL INFORMATION: No known significant effects or critical hazards noted.

AQUATIC TOXICITY (ACUTE): Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Although not a hazardous waste, the discarding or disposal of this material should be done at a proper accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be subject to regulation by state, regional, or local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Not regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Not regulated.

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Non-Toxic

REACTIVITY: No

313 REPORTABLE INGREDIENTS: No products were found.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No products were found.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68424-85-1

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR1910.119---PROCESS SAFETY

HIGHLY HAZARDOUS CHEMICALS: No products were found.

CARCINOGEN: No products were found.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): Not Regulated

16. OTHER INFORMATION

MANUFACTURER DISCLAIMER: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.

Approval: A. Robert Bogosian, Ph.D.