1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Microsan RX Foaming Hand Sanitizer
GENERAL USE: Disinfectant, Bacteriacide Virucide, Fungicide

PRODUCT DESCRIPTION: Disinfectant

Manufacturer: Global Biotechnologies, Inc.
19 Rigby Road
Scarborough, Maine 040784
E-Mail: sales@globalbio.com
Customer Service: 800-755-8420

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
</table>
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; 100° C
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD50 (rat)</th>
<th>DERMAL LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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 properly licensed facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be regulated 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.
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)

<table>
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<th>CAS</th>
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<tbody>
<tr>
<td>n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)</td>
<td>68424-85-1</td>
</tr>
</tbody>
</table>

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.