



## Persistent Foaming Hand Sanitizer

### 1 Identification

#### GHS Product Identifier

BioSpear® Alcohol-Free Persistent Foaming Hand Sanitizer

#### Recommended use of the chemical and restriction on use

Hand Sanitizer

#### Restrictions on Use

Hand Sanitizer should only be used topically on the skin.

#### Supplier's details

ICPG, LLC  
3680 Yale Street  
Houston, TX 77018

+1 713-302-2442

#### Emergency phone number

For medical emergencies, contact your local poison control center.

### 2 Hazard(s) identification

#### Classification of the substance or mixture

##### GHS Classification

H320; 2B May Cause Eye Irritation

##### GHS label elements

Warning

Causes eye irritation

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Keep out of reach of children.

IF eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

### 3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
Benzalkonium Chloride	8001-54-5	264-151-6	0.1	
Trade Secret	000-00-0		0	SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

### 4 First-aid measures

## **Description of necessary first-aid measures**

### **Eye Contact**

Immediately flush eye(s) with water for at least 15 minutes while holding eyelids open. Seek medical attention in the event of an adverse reaction or if symptoms of irritation worsen.

### **Skin Contact**

In case of irritation or swelling, immediately wash affected area with soap and water. Seek medical attention in the event of adverse reaction or if symptoms of irritation persist for more than 72 hours.

### **Ingestion**

Administer two glasses of milk or water. Do not induce vomiting. Seek medical attention.

### **Inhalation**

Product is not likely to be hazardous by inhalation. If respiratory irritation or distress occurs, relocate affected person to fresh air and seek medical attention.

## **5 Fire-fighting measures**

### **Suitable extinguishing media**

Chemical foam, dry chemical, carbon dioxide, or water

### **Specific hazards arising from the chemical**

No applicable hazards are known to be associated with this product.

### **Special protective actions for fire-fighters**

Use self-contained breathing apparatus and full protective gear if large quantities of product are involved. Thermal decomposition may include oxides of carbon and nitrogen.

## **6 Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective equipment (see Section 8)

### **Methods and materials for containment and cleaning up**

Safely stop source of spill.

Dike or contain spill. Absorb with appropriate absorbent.

Clean area of spill and absorbent material.

Dispose of all washings, sweepings, and absorbents in accordance with all applicable local or national regulations.

You will need to determine which local or national regulations are applicable.

## **7 Handling and storage**

### **Precautions for safe handling**

Utilize standard safe handling and transportation techniques to avoid spillage or rupture of the product.

Avoid eye contact.

### **Conditions for safe storage, including any incompatibilities**

Store in cool, dry area away from direct sunlight and incompatible materials.

Avoid extreme temperature conditions.

### **Incompatible Materials**

Strong acid and alkaline materials.

Strong oxidizing and reducing agent.

## 8 Exposure controls/personal protection

### Control parameters

Industrial setting: Refer to Section 3 for ingredients with occupational exposure limits.

### Appropriate engineering controls

This is a consumer product that is safe for consumers under normal and reasonable foreseeable use. For industrial settings, use in well ventilated area.

### Individual protection measures

#### Personal Protective Equipment

Respiratory Protection: Not Required

Eye/Face: Safety glasses or goggles if splash hazards exist

Skin: Not Required

#### Work Hygienic Practices

Always follow good hygienic work practices.

## 9 Physical and chemical properties

### Physical and chemical properties

<b>Color and Appearance</b>	Clear colorless liquid
<b>Odor</b>	Mild medicinal odor
<b>pH</b>	4.5 - 7.0
<b>Specific Gravity</b>	1.0
<b>Reactivity in Water</b>	NIL
<b>Flash Point</b>	Not Applicable
<b>VOC Content</b>	None or exempt
<b>Boiling Point</b>	> 200°F
<b>Melting Point</b>	Not Applicable
<b>Vapor Pressure</b>	< 1
<b>Vapor Density (Air=1)</b>	> 5
<b>Solubility in Water</b>	Soluble

## 10 Stability and reactivity

### Chemical stability

Stable under normal storage, handling, use and transportation.

### Conditions to avoid

Avoid extreme temperature conditions.

### Incompatible materials

Strong acid and alkaline materials.

Strong oxidizing and reducing agent.

### Hazardous decomposition products

Oxides of carbon and nitrogen may be released under extreme heat.

## 11 Toxicological information

### Toxicological (health) effects

Data is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

#### Acute Eye

Contact may cause mild, transient irritation.

#### Acute Skin

Not expected to be irritating or sensitizing.

#### Acute Inhalation

Not Applicable

#### Acute Ingestion

Oral toxicity is not anticipated, but may cause stomach distress, nausea, or vomiting.

#### Chronic Effects

Not expected to have chronic health effects.

#### Carcinogenicity

Not expected to be carcinogenic.

## 12 Ecological information

### Toxicity

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

## 13 Disposal considerations

### Disposal methods

Waste product can be disposed of by wastewater treatment or in an approved landfill according to all applicable regulations.

Containers should be washed out and sent to a plastic recycler.

## 14 Transport information

### Transport hazard class(es)

Not Applicable

## 15 Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### FDA

This product is regulated as an Over-The-Counter (OTC) drug under the Federal Food, Drug and Cosmetics Act and complies with FDA regulations.

#### EPA

SARA Title III Sections 302/304, 311/312, and 313 chemical listings: None or none present in regulated quantities.

CAA Section 112 listings (TQ): None

CERLCA Reportable Quantity (RQ): None

## 16 Other information

### Other information

#### Legend

ACGIH	American Conference of Governmental Industrial Hygienists	N/A	Not Applicable
CAA	Clean Air Act	NDSL	Non-Domestic Substances List (Canada)
CAS	Chemical Abstract Service	N/E	Not Established
CERCLA	CERCLA Hazardous Substances	NTP	National Toxicology Program
CFR	Code of Federal Regulations	OSHA	Occupational Safety & Health Administration
DOT	Department of Transportation	PEL	Permissible Exposure Limits
DSL	Domestic Substances List (Canada)	RCRA	Resource Conservation & Recovery Act
EINECS	European Inventory of Existing Chemical Substances	SARA	Superfund Amendments & Reauthorizations
EPA	Environmental Protection Agency	TLV	Threshold Limit Values
FDA	Food & Drug Administration	TQ	Threshold Quantities
HPA	Hazardous Products Act (Canada)	TWA	Time Weighted Average
IARC	International Agency for Research on Cancer	VOC	Volatile Organic Compounds
IATA	International Air Transport Association	WHMIS	Workplace Hazardous Materials Information
ICL	In-Commerce List (Canada)		
IMO	International Maritime Organization		