



# SAFETY DATA SHEET

<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Reference</b>	BHS008
<b>Version No.</b> 2	<b>Initial issue date</b> October 24 <sup>th</sup> , 2013	<b>Revision date</b>	12-01-2017

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Bioguard Medical Hand Scrub

#### 1.1 Product Identifier

BS005 - 5 Litre Refill - 4 Units Per Box  
BS10000NEP - 1 Litre Neptune Cartridge – 6 Units Per Box  
BSB1000 - 1 Litre Scrub Refill Bag - 6 Units Per Box  
BS1000 - 1 Litre Elbow Dispenser Cartridge - 2 Units Per Box  
BSP500 – 500ml Pump Action - 6 Units Per Box.

#### 1.2 Relevant Use(s)/misuse(s)

Medical Hand Wash

#### 1.3 SDS Supplier

Bioguard Hygiene Solutions Ltd.

#### 1.3.1 Manufacturer

Bioguard Hygiene Solutions Ltd.  
64a St James Mill Rd  
St James  
Northampton NN5 5JP

**Telephone:** +44(0)1604 592048

**Fax No:** +44(0)1604 583854

**Competent Person e-mail:**

trevor@rising-hsande.co.uk

#### 1.4 Emergency Telephone

+44(0)1604 592048 (office hours)

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE MIXTURE

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Eye Irrit. 2 H319

#### 2.1.2 Additional information

See section 16 for full text of H statements.

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s):



**Signal word**

WARNING

**Hazard statement(s)**

H319 CAUSES SERIOUS EYE IRRITATION.



<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Ref.</b>	BHS008
----------------------	------------------------------------	-----------------	--------

## 2. HAZARDS IDENTIFICATION

<b>Precautionary statement(s)</b>	P281	USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
	P305+351+338	IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES.REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
	P337/313	IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

### 2.3 OTHER HAZARDS

NONE KNOWN.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**                      AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
C8-18 UNSATURATED AMIDOPROPYL BETAINE	147170-44-3	604-575-4	<b>CLP:</b> Eye Damage 1 H318; Aquatic Chronic 3 H412	1-2%
DIDECYLDIMETHYL AMMONIUM CHLORIDE	7173-51-5	230-525-2	<b>CLP:</b> Acute Tox. 4 H302; Skin Corr. 1B H314	<1%

## 4. FIRST AID MEASURES

### 4.1 Description of measures

<b>Inhalation</b>	Remove casualty to fresh air. If necessary, seek medical advice.
<b>Skin contact</b>	Immediately clean areas affected with soap and plenty of water. If necessary, seek medical advice
<b>Eye contact</b>	Immediately wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. If conscious, drink plenty of water. If necessary, Seek medical advice.

**4.2 Most important effects/symptoms**                      None known.

**4.3 Immediate/special treatment**                      Treatment as described above.

## 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder) Do <b>not</b> use strong water jets
<b>5.2 Special hazards</b>	Avoid run-off water entering the drains (e.g. use barriers)
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Use suitable protective equipment (see section 8)
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways in large quantities; if this occurs, inform the relevant water authority at once.



<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Ref.</b>	BHS008
----------------------	------------------------------------	-----------------	--------

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.3 Methods and materials for cleaning up</b>	Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
<b>6.4 Reference to other sections</b>	See section 8 for personal protective equipment.

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>7.2 Conditions for safe storage</b>	Keep containers closed, cool, dry and away from heat
<b>7.3. Specific end use(s)</b>	Hand wash

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Controls parameters</b>	No OEL data are available. Comply with good practice.
<b>8.2 Exposure controls</b>	
<b>Engineering controls</b>	Provide adequate ventilation (e.g. local exhaust ventilation).
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles if risk of eye contamination.
<b>Skin protection</b>	Impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Respirator (e.g. EN 149:2001 P2 or P3) only if ventilation is insufficient.
<b>Other protection</b>	Protective overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Basic physical and chemical properties</b>		
<b>Thick liquid</b>	Wipe impregnated with product	
<b>Colour</b>	Purple	
<b>Odour</b>	Chemical	
<b>Odour threshold</b>	Not determined	
<b>pH</b>	6-5-7	
<b>Boiling pt / range</b>	Not determined	°C
<b>Melting pt / range</b>	Not determined	°C
<b>Flash point</b>	Not applicable	°C
<b>Flammability</b>	Not applicable	
<b>Thermal decomposition</b>	Not applicable	
<b>Evaporation rate</b>	Not applicable	
<b>Explosion limits</b>	Not determined	
<b>Auto-ignition temperature</b>	Not applicable	

<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Ref.</b>	BHS008
----------------------	------------------------------------	-----------------	--------

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Decomposition temp.</b>	Not applicable
<b>Relative density</b>	1.12
<b>Viscosity</b>	Not applicable
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Water solubility</b>	Miscible
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined
<b>Partition coeff. Log<sub>Oct/water</sub></b>	Not determined
<b>9.2 Other information</b>	None known.

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Hazardous polymerisation will not occur
<b>10.2 Chemical stability</b>	Stable under normal conditions of handling.
<b>10.3 Hazardous reactions</b>	None known.
<b>10.4 Conditions to avoid</b>	None known.
<b>10.5 Incompatible material</b>	None known.
<b>10.6 Hazardous decomposition products</b>	Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	> 2000 mg/kg	Data for C8-18 unsaturated amidopropyl betaine
<b>Dermal compatibility</b>	No data available		
<b>Mucous membrane compatibility</b>	No data available		

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	LC <sub>50</sub>	Fish (rainbow trout)	1-10 mg/l	Data C8-18 unsaturated amidopropyl betaine
<b>12.2 Degradability</b>	Not determined.			
<b>12.3 Bioaccumulative potent.</b>	Not determined			
<b>12.4 Mobility in soil</b>	Not determined			
<b>12.5 PBT/vPvB assessment</b>	Not determined			

<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Ref.</b>	BHS008
----------------------	------------------------------------	-----------------	--------

## 12. ECOLOGICAL INFORMATION

12.6 Other adverse effects      None known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment measures

**Advice on disposal**      If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

**Contaminated packaging**      Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

14.1 United Nations number (ADR, IMDG, IATA)      Not classified

14.2 Proper shipping name (ADR, IMDG, IATA)      Not classified

14.3 Transport class(s) (ADR, IMDG, IATA)      Not classified

14.4 Packing group (ADR, IMDG, IATA)      Not classified

14.5 Environmental hazards (ADR, IMDG, IATA)      The product should NOT be marked as a marine pollutant.

14.6 Special procedures (ADR, IMDG, IATA)      Not applicable

14.7 Transport in bulk (ADR, IMDG, IATA)      Not applicable

## 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations      The product is classified in accordance EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.

15.2 Chemical safety assessment      Not applicable

## 16. OTHER INFORMATION

**Further information**      **Hazard statements referred to in sections 2/3**

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects



<b>Product Name:</b>	<b>Bioguard Medical Hand Scrub</b>	<b>SDS Ref.</b>	BHS008
----------------------	------------------------------------	-----------------	--------

## 16. OTHER INFORMATION

**Sources of data** Other suppliers' safety data sheets, ECHA C&L Inventory

**Date of issue** 12-01-2017

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.**

**Safety data sheet prepared by Rising HS&E Services.**

