



# SAFETY DATA SHEET

<b>Product Name:</b>	<b>Bioguard Disinfectant Cleaning Solution Concentrate</b>	<b>SDS Reference</b>	BHS012
<b>Version No.</b> 2	<b>Initial issue date</b> October 24 <sup>th</sup> , 2013	<b>Revision date</b>	2-11-2016

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

### Bioguard Disinfectant Cleaning Solution Concentrate

#### 1.1 Product Identifier

BC025 - 25 Litre Cleaning Solution - Individual Units  
BC005 - 5 Litre Cleaning Solution - 4 Units Per Box  
BC001 - 1 Litre Cleaning Solution Refill - 12 Units Per Box

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

Surface Disinfectant and Cleaner

#### 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)

Skin irrit. 2 H315

#### 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)**  
**Precautionary statement(s)**

H315 CAUSES SKIN IRRITATION.

P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.  
P333+313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

#### 2.3 OTHER HAZARDS

NONE KNOWN.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**

AQUEOUS PREPARATION OF ORGANIC SUBSTANCES



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
CITRIC ACID	77-92-9	201-069-1	Eye Irrit. 2 H319	<2%
DIDECYLDIMETHYL AMMONIUM CHLORIDE	7173-51-5	230-525-2	Skin Corr. 1B H314; Acute Tox 4 H302	3-5%

### 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>	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)
<b>5.2 Special hazards</b>	Toxic/irritating fumes may be omitted on combustion.
<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>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. Avoid the raising and deposition of dust.
<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>	Surface disinfectant and cleaner

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Controls parameters</b>	No OEL data are available. Comply with good practice.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.2 Exposure controls

<b>Engineering controls</b>	Provide adequate ventilation (e.g. local exhaust ventilation).
<b>Personal protection</b>	Observe normal standards for handling chemicals. People with known skin allergies should take extra care when handling this product. 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

### 9.1 Basic physical and chemical properties

<b>Physical form</b>	Liquid
<b>Colour</b>	Straw to dark yellow
<b>Odour</b>	Chemical
<b>Odour threshold</b>	Not determined
<b>pH</b>	4-5
<b>Boiling pt / range</b>	Approx. 100 °C
<b>Melting pt / range</b>	Approx. 0 °C
<b>Flash point</b>	Not determined °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 determined °C
<b>Decomposition temp.</b>	Not applicable
<b>Relative density</b>	APPROX. 1
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Water solubility</b>	Soluble
<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

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## 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)	mg/kg	No data available
<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	mg/l (96 hours)	No data available
<b>12.2 Degradability</b>	Not determined.			
<b>12.3 Bioaccumulative potential</b>	Not determined			
<b>12.4 Mobility in soil</b>	Not determined			
<b>12.5 PBT/vPvB assessment</b>	Not determined			
<b>12.6 Other adverse effects</b>	None known.			

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment measures

<b>Advice on disposal</b>	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.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

<b>14.1 United Nations number (ADR, IMDG, IATA)</b>	Not classified
<b>14.2 Proper shipping name (ADR, IMDG, IATA)</b>	Not classified

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## 14. TRANSPORT INFORMATION

<b>14.3 Transport class(s)</b> (ADR, IMDG, IATA)	Not classified
<b>14.4 Packing group</b> (ADR, IMDG, IATA)	Not classified
<b>14.5 Environmental hazards</b> (ADR, IMDG, IATA)	The product should NOT be marked as a marine pollutant.
<b>14.6 Special procedures</b> (ADR, IMDG, IATA)	Not applicable
<b>14.7 Transport in bulk</b> (ADR, IMDG, IATA)	Not applicable

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations</b>	The product is classified in accordance with EC Regulation 1272/2008 (CLP), Other regulatory information and provisions are not applicable for this product.
<b>15.2 Chemical safety assessment</b>	Not applicable

## 16. OTHER INFORMATION

<b>Further information</b>	<b><u>Hazard statements referred to in sections 2/3</u></b>
	H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H319: Causes serious eye irritation.
<b>Sources of data</b>	Other suppliers' safety data sheets, EH40 (2011), ECHA C&L Inventory
<b>Date of issue</b>	02-11-2016

**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.**

