

# bioguard

## PRODUCT SAFETY DATA SHEETS



Class-leading hygiene, cleaning and infection-control products

HEALTHCARE

VENDING

FOOD PROCESSING

## Bioguard Glass Cleaner

PROVEN HYGIENE SOLUTIONS

<b>Product Name:</b>	<b>Glass Cleaner</b>	<b>SDS Reference</b>	BHS002H
<b>Version No.</b> 1	<b>Initial issue date</b> September 24 <sup>th</sup> , 2013	<b>Revision date</b>	

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

- 1.1 Product Identifier**                      **Bioguard Glass Cleaner**
- 1.2 Relevant Use(s)/misuse(s)**          Glass 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
- 1.4 Emergency Telephone**                 +44(0)1604 592048 (office hours)
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**Competent Person e-mail:**  
trevor@rising-hsande.co.uk

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE MIXTURE

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

Not classified

#### 2.1.2 Classification according to EC Directive 67/548/EEC (CHIP 4)

Not classified

#### 2.1.3 Additional information

See section 16 for full text of H statements and R phrases.

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Directive 67/548/EEC (CHIP 4)

**Physicochemical:**

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE PHYSICO-CHEMICAL PROPERTIES IF HANDLED IN THE CORRECT MANNER.

**Health:**

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE EFFECTS ON HEALTH IF HANDLED IN THE CORRECT MANNER.

**Environmental:**

ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO HAVE NO ADVERSE ON THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER. .

**SAFETY PHRASES** NONE .

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

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## 2. HAZARDS IDENTIFICATION

<b>Pictogram(s):</b>	NONE	<b>Signal word</b>	NONE
<b>Hazard statement(s)</b>	NONE		
<b>Precautionary statement(s)</b>	NONE		
<b>2.3 OTHER HAZARDS</b>	NONE		

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** AQUEOUS MIXTURE OF ORGANIC SUBSTANCES

### Substances

<b>Chemical name</b>	<b>CAS-No</b>	<b>EINECS/ELINCS</b>	<b>Classification</b>	<b>Concentration</b>
CITRIC ACID MONOHYDRATE (1,2,3-PROPANETRICARBOXYLIC ACID)	5949-29-1	NOT ASSIGNED	<b>CHIP:</b> Xi: R36; <b>CLP:</b> Eye Irrit.2 H319	< 1.0%

## 4. FIRST AID MEASURES

### 4.1 Description of measures

<b>Inhalation</b>	Not a normal route of exposure.
<b>Skin contact</b>	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) Do not use strong water jets
<b>5.2 Special hazards</b>	None known.
<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.

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## 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>	Surface cleaner and disinfectant

## 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>	If necessary, impervious gloves (but consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Respirator – not normally required.
<b>Other protection</b>	Protective overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Basic physical and chemical properties</b>	
<b>Physical form</b>	Liquid
<b>Colour</b>	Clear to Straw coloured
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	Not determined
<b>pH</b>	6.5-7.0
<b>Boiling pt / range</b>	Approx. 100 °C
<b>Melting pt / range</b>	Approx. 0 °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>Decomposition temp.</b>	Not applicable
<b>Relative density</b>	1.01-1.025

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

Acute toxicity	LD <sub>50</sub> rat (oral)	mg/kg	No data available
Dermal compatibility	No data available		
Mucous membrane compatibility	No data available		

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC <sub>50</sub>	Aquatic organisms	mg/l	No data available
12.2 Degradability	Not determined.			
12.3 Bioaccumulative potential	Not determined			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Not determined			
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.

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

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations</b>	The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) and 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

### Further information

#### Risk phrases/ hazard statements referred to in sections 2/3

- R36: Irritating to eyes.  
H319: Causes serious eye irritation.

**Sources of data** Other suppliers' safety data sheets

**Date of issue** 24-09-2013

**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.

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