



# SAFETY DATA SHEET

<b>Product Name:</b>	<b>Absorb Powder</b>	<b>SDS Reference</b>	BHS003
<b>Version No.</b> 2	<b>Initial issue date</b> September 24 <sup>th</sup> , 2013	<b>Revision date</b>	2-11-2016

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

### Bioguard Absorb Powder

#### 1.1 Product Identifier

ABSORB010 – 10gram Absorb Powder Sachet – 150 Units Per Box  
049313 – 40gram Absorb Powder Sachet – 150 Units Per Box  
ABSORB100 – 100 gram Absorb Powder Shaker Pot – 6 Units Per Box  
049314 – 240 gram Absorb Powder Shaker Pot – 6 Units Per Box  
ABSORB500 – 500 gram Absorb Powder Shaker Pot – 6 Units Per Box  
ABSORB1000 – 1.5 Kg Absorb Powder Tub – 4 Units Per Box

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

An Absorbent /Clean- Up Powder

#### 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)

Not classified

#### 2.1.2 Additional information

None

### 2.2 LABELLING ELEMENTS

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

**Pictogram(s):** NONE

**Signal word**

NONE

**Hazard statement(s)** NONE

**Precautionary statement(s)** NONE

#### 2.3 OTHER HAZARDS

NONE



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** MIXTURE OF SUGAR AND A POLYACRYLATE (CAS 9003-04-7)

**Substances** NON HAZARDOUS SUBSTANCES

### 4. FIRST AID MEASURES

#### 4.1 Description of measures

**Inhalation** Remove casualty to fresh air. If necessary, seek medical advice.

**Skin contact** Clean areas affected with soap and plenty of water. If necessary, seek medical advice

**Eye contact** Wash out eye thoroughly with plenty of water until irritation subsides. If necessary, consult an eye specialist/ophthalmologist.

**Ingestion** If product is swallowed, do NOT induce vomiting. 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

**5.1 Extinguishing media** To suit local surroundings (e.g. water, carbon dioxide, foam or chemical powder)

**5.2 Special hazards** None known.

**5.3 Advice for fire fighters** Wear self-contained breathing if necessary

### 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions** Use suitable protective equipment (see section 8). Spilled product in contact with water or moisture causes surfaces to become extremely slippery.

**6.2 Environmental precautions** Collect and flush small quantities into the drainage system.

**6.3 Methods and materials for cleaning up** Take up larger quantities with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.

**6.4 Reference to other sections** See section 8 for personal protective equipment.

### 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling** Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust.

**7.2 Conditions for safe storage** Keep containers closed, cool, dry and away from heat (store at < 50°C)

**7.3. Specific end use(s)** As an absorbing powder

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## 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). Take measures against the build up of static electricity (fine dust may form explosive mixtures in air).
<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>	Not normally required (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
<b>Further information</b>	The European Disposables and Non-Wovens Association (EDANA) recommends a work place limit of 0.05 mg/cm <sup>3</sup> for respirable dust of superabsorbent polymer (see section 11).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties

<b>Physical form</b>	Powder
<b>Colour</b>	White
<b>Odour</b>	odourless
<b>Odour threshold</b>	Not determined
<b>pH</b>	6 at 10 g/l
<b>Boiling pt / range</b>	Not applicable °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>Decomposition temp.</b>	Not applicable
<b>Relative density</b>	0.78 mg/cm <sup>3</sup>
<b>Vapour pressure</b>	< 10 hPa
<b>Vapour density</b>	Not applicable
<b>Water solubility</b>	Miscible
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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)	> 5000 mg/kg	Data for the polyacrylate
	LD <sub>50</sub> rat (derm)	> 2000 mg/kg	Data for the polyacrylate
Dermal compatibility	*non irritant (OECD 404; data for the polyacrylate)		
Mucous membrane compatibility	Slightly irritant to eyes (OECD 405; data for the polyacrylate)		
Further information	Non sensitive to skin (OECD 406; data for the polyacrylate). A 2 year inhalation study in rats with micronised dust of a superabsorbent polymer resulted in an unspecified inflammatory reaction in the lungs and tumour formation in some rats receiving the highest dose. This resulted in a NOEL of 0.05 mg/cm <sup>3</sup> for the superabsorbent polymer.** ** see section 16		

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC <sub>50</sub> Fish (Leuciscus idus)	> 5500 mg/l (96 hours)	OECD 203; data for the polyacrylate**
	LC <sub>50</sub> Fish (Danio rerio)	> 4000 mg/l (96 hours)	OECD 203; data for the polyacrylate**
12.2 Degradability	Practically non degradable (OECD 302B) **		
12.3 Bioaccumutive potential	Not determined		
12.4 Mobility in soil	Not determined		
12.5 PBT/vPvB assessment	Not determined		
12.6 Other adverse effects	None known.		

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### 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
<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>	In accordance EC Regulation 1272/2008 (CLP), the product is not classified. Other regulatory information and provisions are not applicable for this product.
<b>15.2 Chemical safety assessment</b>	Not applicable

### 16. OTHER INFORMATION

<b>Sources of data</b>	Other suppliers' safety data sheets ** Based on the results of a similar compound (Laboratory for Toxicology and Ecology; Evanik Stockhausen GmbH, Krefeld, Germany).
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**Date of issue** 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.