

# Material Safety Data Sheet

## BIOGUARD® POLYSHEEN® BLUE

Version: 1.1

Revision Date: 01/01/2014

Print Date: 03/05/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *BIOGUARD® POLYSHEEN® BLUE*

Product Use Description: Recreational Water Product

Company: Bio-Lab, Inc.  
BioGuard  
P.O. Box 300002  
Lawrenceville, GA  
30049-1002

Telephone: (800) 859-7946

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300, 703-527-3887  
Poison Control Center (Medical) :: (877) 800-5553  
Customer Care: 800-998-7946

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department

01/01/2014

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Form: liquid      Colour: clear blue      Odour: bitter almond

Hazard Summary : Avoid breathing vapors.  
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS NOT HAZARDOUS UNDER THE CRITERIA OF THE  
FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

#### Potential Health Effects

Primary Routes of Entry : Skin contact  
Eye contact  
Inhalation

Inhalation : No adverse effects are expected under normal conditions of use.

Skin : No adverse effects are expected under normal conditions of use.

Eyes : This product is not expected to cause eye irritation.

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Ingestion : No evidence of adverse effects from available information.

Chronic Exposure : None known.

Symptoms of Overexposure : None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

This material is non-hazardous as defined by the American OSHA Hazard Communication Standard.

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

Inhalation : Remove to fresh air.  
Call a physician if irritation develops or persists.

Skin contact : Remove contaminated clothing and shoes.  
Wash off with plenty of water.  
Call a physician if irritation develops or persists.

Eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
Call a physician if irritation develops or persists.

Ingestion : Do NOT induce vomiting.  
Rinse mouth with water.  
Have person sip a glass of water if able to swallow.  
Call a POISON CENTER or doctor/ physician.

#### Notes to physician

Symptoms : None known.

Treatment : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

### SECTION 5. FIREFIGHTING MEASURES

#### Flammable properties

Flash point : Remarks: not applicable, (as aqueous solution)

#### Fire fighting

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : There are no unusual fire and explosion hazards known.

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### Protective equipment and precautions for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.  
Soak up with inert absorbent material.  
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

### SECTION 7. HANDLING AND STORAGE

#### Handling

Handling procedures : Avoid contact with skin, eyes and clothing.  
Avoid breathing vapors.  
Mix only with water.  
Do not mix with other chemicals.

#### Storage

Requirements for storage areas and containers : Store in original container.  
Keep tightly closed.  
Store in a cool, dry, well ventilated area away from heat or open flame.  
Keep out of reach of children.  
Keep away from animals.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

This material is non-hazardous as defined by the American OSHA Hazard Communication Standard.

#### Engineering measures

Engineering measures : Use with adequate ventilation.  
Ensure that eyewash stations and safety showers are close to the workstation location.

#### Personal protective equipment

Eye protection : Safety glasses with side-shields  
not required under normal use

Hand protection : not required under normal use

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Respiratory protection : not required under normal use  
Hygiene measures : Wash contaminated clothing before reuse.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Form : liquid  
Colour : clear  
blue  
Odour : bitter almond

#### Safety data

Flash point : Note: not applicable, (as aqueous solution)  
pH : ca. 4 - 7  
Freezing point : Note: no data available  
Boiling point/boiling range : 212 °F (100 °C)  
Vapour pressure : not applicable  
Specific Gravity : 1.03 - 1.05 at  
Water solubility : Note: completely miscible  
Partition coefficient: n-octanol/water : Note: no data available  
Viscosity, dynamic : 50 - 200 mPa.s  
Viscosity, kinematic : Note: no data available  
Relative vapour density : Note: not applicable

### SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.  
Poor ventilation.  
Contamination  
Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their concentrated forms.  
Strong oxidizing agents  
Hazardous decomposition products : Note: Carbon oxides  
nitrogen oxides (NOx)  
Ammonia  
Other hazardous decomposition products may be formed.  
Hazardous reactions : Hazardous polymerisation does not occur.

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### SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: This product is not expected to cause skin irritation.

Eye irritation : Remarks: This product is not expected to cause eye irritation.

### 12. ECOLOGICAL INFORMATION

#### Elimination information (persistence and degradability)

Bioaccumulation : Remarks:  
no data available

Biodegradability : Result: no data available

#### Further information on ecology

#### Ecotoxicology Assessment

Results of PBT assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Additional ecological information : May be toxic to fish.  
May be toxic to aquatic organisms.  
Do not flush into surface water or sanitary sewer system.

### SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.

Contaminated packaging : Do not re-use empty containers.  
Rinse thoroughly before discarding in trash.  
Offer rinsed packaging material to local recycling facilities.

### SECTION 14. TRANSPORT INFORMATION

#### DOT

Not dangerous goods

#### **TDG**

Not dangerous goods

#### **IATA**

Not dangerous goods

#### **IMDG**

Not dangerous goods

#### **RID**

Not dangerous goods

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### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**The components of this product are reported in the following inventories:**

**TSCA**

Note: Listed

**US.TSCA**

Not On TSCA Inventory

**DSL**

This product contains one or several components that are not on the Canadian DSL nor NDSL lists.

**AICS**

Not in compliance with the inventory

**NZIoC**

Not in compliance with the inventory

**ENCS**

Not in compliance with the inventory

**KECI**

Not in compliance with the inventory

**PICCS**

Not in compliance with the inventory

**IECSC**

Not in compliance with the inventory

**TSCA list Information**

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)  
ZUS\_T12B

Not relevant

### SECTION 16. OTHER INFORMATION

**Further information**

**HMIS Classification**

: Health hazard: 0  
Flammability: 0  
Physical hazards: 0

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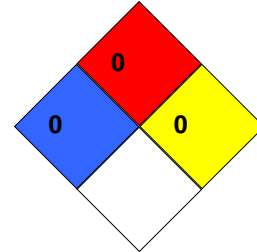
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PPI:Ask supervisor or safety specialist for handling instructions

### NFPA Classification

: Health hazard: 0  
Fire Hazard: 0  
Reactivity Hazard: 0



### Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.