

# Material Safety Data Sheet

## BIOGUARD® SOFTSWIM® FILTER CLEANER

Version: 1.2

Revision Date: 01/01/2014

Print Date: 03/05/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *BIOGUARD® SOFTSWIM® FILTER CLEANER*

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

#### **Danger**

Form: liquid      Colour: pink      Odour: pungent

Hazard Summary : Corrosive  
May be fatal if swallowed.  
Causes eye burns.  
Causes skin burns.  
Causes respiratory tract irritation.  
Avoid breathing vapors.  
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS 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

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Inhalation : Causes respiratory tract irritation.

Skin : Causes skin burns.

Eyes : Causes serious eye damage.

Ingestion : May be fatal if swallowed.

Chronic Exposure : None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component / CAS-No.	Weight percent
orthophosphoric acid 7664-38-2	< 15 %
hydrogen chloride 7647-01-0	< 15 %

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

Inhalation : Remove to fresh air.  
Give oxygen or artificial respiration if needed.  
Call a POISON CENTER or doctor/ physician.

Skin contact : Remove contaminated clothing and shoes.  
Rinse immediately with plenty of water for at least 15 minutes.  
Call a POISON CENTER or doctor/ physician.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
Call a POISON CENTER or doctor/ physician.

Ingestion : Call a physician or poison control centre immediately.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Have person sip a glass of water if able to swallow.  
Never give anything by mouth to an unconscious person.

#### Notes to physician

Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

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#### SECTION 5. FIREFIGHTING MEASURES

##### Flammable properties

Flash point : Remarks: not applicable

##### 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.

##### 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 breathing vapors.  
Avoid contact with skin, eyes and clothing.  
Do not mix with other chemicals.  
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.  
Do not handle until all safety precautions have been read and understood.

##### 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

##### Components with workplace control parameters

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Components / CAS-No.	Value / Basis / Update	Control parameters	<u>Further information</u>
orthophosphoric acid 7664-38-2	TWA ACGIH 2007-01-01	1 mg/m3	
	STEL ACGIH 2007-01-01	3 ppm	
	TWA OSHA Z-1 1997-08-04	1 mg/m3	
	TWA OSHA P0 1989-01-19	1 mg/m3	
	STEL OSHA P0 1989-01-19	3 mg/m3	
	TWA NIOSH REL 2005-09-01	1 mg/m3	
	ST NIOSH REL 2005-09-01	3 mg/m3	
hydrogen chloride 7647-01-0	C ACGIH 2007-01-01	2 ppm	
	C OSHA Z-1 2006-02-28	5 ppm 7 mg/m3	
	C OSHA P0 1989-01-19	5 ppm 7 mg/m3	
	C NIOSH REL 2005-09-01	5 ppm 7 mg/m3	

#### Engineering measures

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

#### Personal protective equipment

Eye protection : Goggles  
Safety glasses with side-shields

Hand protection : Wear rubber gloves.

Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures : Remove and wash contaminated clothing before re-use.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

##### Appearance

Form : liquid  
Colour : pink  
Odour : pungent

##### Safety data

Flash point : Note: not applicable  
pH : < 2  
Boiling point/boiling range : > 212 °F (100 °C)  
Vapour pressure : no data available  
Water solubility : Note: completely miscible  
Partition coefficient: n-octanol/water : Note: no data available  
Viscosity, kinematic : Note: no data available  
Relative vapour density : Note: Heavier than air

#### 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.  
Metals

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Alkalis

Hazardous decomposition products : Note: Inorganic vapors.  
Carbon oxides  
Acid fumes.  
Oxides of phosphorus  
nitrogen oxides (NOx)

Hazardous reactions : Hazardous polymerisation does not occur.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: Causes skin burns.

Eye irritation : Remarks: Causes eye burns.

#### 12. ECOLOGICAL INFORMATION

##### Further information on ecology

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

UN number : 1760  
Description of the goods : Corrosive liquids, n.o.s.  
(Phosphoric acid, Hydrochloric Acid Solution)  
Class : 8  
Packing group : II  
ERG Code : 154

##### IATA

UN number : 1760  
Description of the goods : Corrosive liquid, n.o.s.  
(Phosphoric acid, Hydrochloric Acid Solution)  
Class : 8  
Packing group : II

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Labels : 8  
Environmentally hazardous : no

### IMDG

UN number : 1760  
Description of the goods : CORROSIVE LIQUID, N.O.S.  
(Phosphoric acid, Hydrochloric Acid Solution)  
Class : 8  
Packing group : II  
EmS Number 1 : F-A  
EmS Number 2 : S-B

Marine pollutant : no  
Environmentally hazardous : no

### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**CERCLA Reportable Quantity** : 5000 lbs

### EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

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

**US.TSCA** On TSCA Inventory

**DSL** All components of this product are on the Canadian DSL list.

**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

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### 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

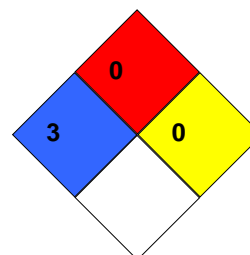
### Further information

#### HMIS Classification

: Health hazard: 3  
Flammability: 0  
Physical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

#### NFPA Classification

: Health hazard: 3  
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.