

# Material Safety Data Sheet

## BIOGUARD® POOL MAGNET® PLUS

Version: 1.1

Revision Date: 08/16/2011

Print Date: 03/05/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *BIOGUARD® POOL MAGNET® PLUS*

Registration number: CPSC

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  
Chemtura Corporation Emergency Response: CHEMTURA : 800-292-5898

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

Prepared by: Product Safety Department  
(US) +1 866-430-2775

08/16/2011

+011-886-2-2712-5668 MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **Danger**

Form: liquid clear

Colour: colourless clear

Odour: odourless

Hazard Summary : Corrosive  
Risk of serious damage to eyes.  
May cause skin irritation.  
May cause respiratory tract irritation.

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 : Eye contact  
Skin contact

Inhalation : May cause respiratory tract irritation.

Skin : May irritate skin.

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Eyes : Causes eye burns.  
Ingestion : May be harmful if swallowed.  
Chronic Exposure : None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component / CAS-No.	Weight percent
etidronic acid 2809-21-4	20 - 40 %
phosphonic acid 13598-36-2	5 - 10 %

### 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 : Wash skin thoroughly with soap and water for at least 15 minutes.  
Get medical attention if irritation develops and persists.

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

Ingestion : If swallowed  
Call a physician or poison control centre immediately.  
Immediately give large quantities of water to drink.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Flammable properties

Flash point : Remarks: no data available

#### Fire fighting

Suitable extinguishing media : Water fog  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Foam

Further information : In the event of fire, wear self-contained breathing apparatus.

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#### Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : 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 : Wear suitable protective clothing, gloves and eye/face protection. 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. In case of spills, scoop up and place product in pool or spa water, then flood spilled area with large volumes of water.

#### SECTION 7. HANDLING AND STORAGE

Handling

##### Storage

Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Exposure Guidelines

##### Engineering measures

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

##### Personal protective equipment

Eye protection : Safety glasses with side-shields  
or  
Safety goggles

Hand protection : Recommended preventive skin protection

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

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

##### Appearance

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Form : liquid clear  
Colour : colourless  
clear

Odour : odourless

#### Safety data

Flash point : Note: no data available

pH : < 3.5  
: Note: Not Available

Vapour pressure : Note: Not Available

Density : 1.23 g/cm<sup>3</sup>

Water solubility : Note: completely miscible

Relative vapour density : Note: Not Available

#### 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.  
Reactive metals  
alkalines

Hazardous decomposition products : Note: Oxides of phosphorus  
Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)

Hazardous reactions : Hazardous polymerisation does not occur.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity  
etidronic acid : LD50: > 2,000 mg/kg  
Species: rat

Acute dermal toxicity  
etidronic acid : LD50: > 2,000 mg/kg  
Species: rabbit

Skin irritation : Remarks: May cause skin irritation.

Eye irritation : Remarks: Causes eye burns.

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Do not get in eyes.

### 12. ECOLOGICAL INFORMATION

#### Further information on ecology

Additional ecological information : There is no data available for this product.

### SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of in accordance with local regulations.  
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.  
(Phosphonic acid)  
(CONTAINS PHOSPHONIC ACID)  
Class : 8  
Packing group : III  
ERG Code : 154

#### IATA

UN number : 1760  
Description of the goods : Corrosive liquid, n.o.s.  
(Phosphonic acid)  
(CONTAINS PHOSPHONIC ACID)  
Class : 8  
Packing group : III  
Labels : 8  
Environmentally hazardous : no

#### IMDG

UN number : 1760  
Description of the goods : CORROSIVE LIQUID, N.O.S.  
(Phosphonic acid)  
(CONTAINS PHOSPHONIC ACID)  
Class : 8  
Packing group : III  
Labels : 8  
EmS Number 1 : F-A  
EmS Number 2 : S-B  
Marine pollutant : no  
Environmentally hazardous : no

Not recommended for shipment by air  
Limited Quantity exemption possible  
ORM-D Consumer Commodity exemption possible

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### SECTION 15. REGULATORY INFORMATION

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

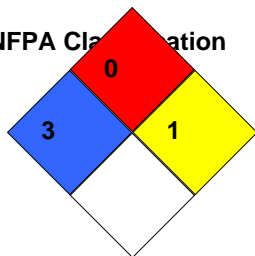
**SARA 311/312 Hazards** : Acute Health Hazard

### SECTION 16. OTHER INFORMATION

#### Further information

**HMIS Classification** : Health hazard: 3  
Flammability: 0  
Physical hazards: 1

#### NFPA Classification



: Health hazard: 3  
Fire Hazard: 0  
Reactivity Hazard: 1

#### 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

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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.