

# Material Safety Data Sheet

## BIOGUARD® POWER FLOC™

Version: 1.0

Revision Date: 04/22/2010

Print Date: 03/05/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *BIOGUARD® POWER FLOC™*

Product Use Description: Water Clarifier

Synonyms: Mixture

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

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

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

Prepared by: Product Safety Department  
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+011-886-2-2712-5668      MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### Warning

Form: liquid      Colour: clear Purple      Odour: odourless

Hazard Summary : Causes eye irritation.  
May be harmful if swallowed.  
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.

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### Potential Health Effects

- Primary Routes of Entry : Eye contact  
Ingestion
- Skin : This product is not expected to cause skin irritation.
- Eyes : Causes eye irritation.
- Ingestion : May be harmful if swallowed.
- Chronic Exposure : None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component	CAS-No.	Weight percent
Cationic Blend		25 - 35 %

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

- Inhalation : Remove to fresh air.  
Give oxygen or artificial respiration if needed.  
If symptoms persist, call a physician.
- Skin contact : Remove contaminated clothing and shoes.  
Wash off with soap and water.  
Call a physician if irritation persists.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.  
Call a physician if irritation develops or persists.
- Ingestion : If swallowed  
Drink 1 or 2 glasses of water.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Call a physician or poison control centre immediately.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Flammable properties

- Flash point : Remarks: The product is not flammable., (as aqueous solution)

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### Fire fighting

Suitable extinguishing media : Flood with large volumes of water.  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Foam

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

### 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 Additional advice : Soak up with inert absorbent material.  
: Treat recovered material as described in the section "Disposal considerations".

## SECTION 7. HANDLING AND STORAGE

### Handling

Handling procedures : Avoid contact with eyes.  
Avoid breathing vapors.  
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 containers tightly closed in a dry, cool and well-ventilated place.  
Keep out of reach of children.  
Keep away from animals.

Other data : Stable under normal conditions.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

### Engineering measures

Engineering measures : Use with adequate ventilation.

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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 : None required when used as directed.  
For prolonged or repeated contact use protective gloves.  
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 : clear  
Purple
- Odour : odourless

### Safety data

- Flash point : Note: The product is not flammable., (as aqueous solution)
- pH : 3.5 - 4
- Specific Gravity : 1.18 at
- Water solubility : Note: completely miscible

## 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

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Metals  
Copper  
Carbon steel  
Aluminium

Hazardous reactions : Hazardous polymerisation does not occur.

This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation.

### SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: Non-irritating to skin.

Eye irritation : Remarks: Causes eye irritation.

### 12. ECOLOGICAL INFORMATION

#### Further information on ecology

Additional ecological information : May be toxic to fish.  
May be toxic to aquatic organisms.

### 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.

### SECTION 14. TRANSPORT INFORMATION

#### DOT

UN-Number : 1760  
Description of the goods : Corrosive liquids, n.o.s.  
(CONTAINS HYDROXCHLORIDE COMPLEX)  
Class : 8  
Packing group : III  
ERG Code : 154

#### IATA

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UN-Number : 1760  
Description of the goods : Corrosive liquid, n.o.s.  
(CONTAINS HYDROXCHLORIDE COMPLEX)  
Class : 8  
Packing group : III

### **IMDG**

UN-Number : 1760  
Description of the goods : CORROSIVE LIQUID, N.O.S.  
(CONTAINS HYDROXCHLORIDE COMPLEX)  
Class : 8  
Packing group : III  
EmS Letter 1 : F-A  
EmS Letter 2 : S-B  
Marine pollutant : no

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

### 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: 1  
Flammability: 0  
Physical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

# Material Safety Data Sheet

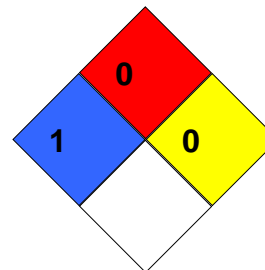
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**NFPA Classification** : Health hazard: 1  
Fire Hazard: 0  
Reactivity Hazard: 0



### Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63

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.