

BioGuard® Power Floc □

Version:	1.0
Revision Date:	02/19/2008
Print Date:	09/15/2009

The recipient of this Safety Data Sheet is urged to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BioGuard® Power Floc □

Product Use Description: Water Clarifier

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

Emergency telephone:

CHEMTREC (US Transportation) :
(800) 424-9300
(703) 527-3887
Poison Control Center (Medical) :
(877) 800-5553
CANUTEC (Canadian Transportation):
(613) 996-6666

Customer Service: (800) 859-7946

Prepared by: Product Safety Department
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
Email: MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING!

Form:	liquid
Colour:	clear Purple
Odour:	Odorless

Causes eye irritation.

OSHA Hazards:

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May be harmful if swallowed.
Avoid breathing vapors.
Do not get in eyes, on skin, or on clothing.

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
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.	Concentration
Cationic blend (Proprietary)		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.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

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

Protective equipment and precautions for firefighters

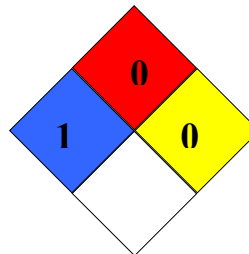
Suitable extinguishing media : Flood with large volumes of water.
Carbon dioxide (CO2)
Dry chemical
Foam

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

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.

Further information

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



SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up : Soak up with inert absorbent material.
Additional advice : Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling
Advice on safe handling : Avoid contact with eyes.
Avoid breathing vapors.
Do not mix with other chemicals.

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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****Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
Cationic blend (Proprietary)	TWA ; OSHA PO 1989-03-01	2 mg/m3	Calculated as AI
Cationic blend (Proprietary)	TWA ; ACGIH 1994-09-01	2 mg/m3	Calculated as Alsoluble

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 : 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 : Odorless

Safety data

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

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : High temperatures.
Poor ventilation.
Contamination

Materials to avoid : Do not mix with other swimming pool/spa chemicals in their concentrated forms.
Strong oxidizing agents
Metals
Copper
Carbon steel
Aluminium

Hazardous reactions : Hazardous polymerisation does not occur.

Type: Possibility of hazardous reactions
This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation.

Note : Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

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Skin irritation : Non-irritating to skin.

Eye irritation : Causes eye irritation.

SECTION 12. ECOLOGICAL INFORMATION

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
Proper shipping name : Corrosive liquids, n.o.s.
Proper technical name : (CONTAINS HYDROXYCHLORIDE COMPLEX)
Class : 8
Packing group : III

IATA UN-Number : 1760
Proper shipping name : Corrosive liquid n.o.s.
Proper technical name : (CONTAINS HYDROXYCHLORIDE COMPLEX)
Class : 8
Packing group : III

IMDG UN-Number : 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
Proper technical name : (CONTAINS HYDROXYCHLORIDE COMPLEX)
Class : 8
Packing group : III

Not recommended for shipment by air
Limited Quantity exemption possible

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ORM-D Consumer Commodity exemption possible

SECTION 15. REGULATORY INFORMATION

National regulatory information

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

SARA Hazard category : Acute Health Hazard

US PA RTK
(Component)

: US. Commonwealth of Pennsylvania - Department of Labor and Industry; Pennsylvania Code Title 34, Labor and Industry Chapter 323
hazardous substance
Cationic blend (Proprietary) || || 25 - 35 %

Additional advice :

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act): This product is not a registered pesticide.

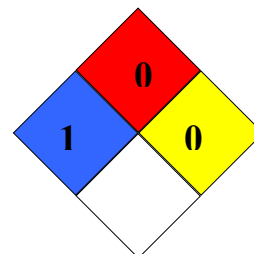
SECTION 16. OTHER INFORMATION

Further information

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



HMS Classification : Health Hazard: 1
Flammability: 0
Physical and chemical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

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. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of the seller, it is the user's obligation to determine the conditions of safe use of the products.