

BioGuard® Softswim Filter Aid

Version:	1.0
Revision Date:	04/30/2008
Print Date:	09/09/2009

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® Softswim Filter Aid

Product Use Description: Recreational Water Product

Chemical nature: Inorganic salt

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

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: granules
Colour: white
Odour: Odorless

Causes eye irritation.
Causes skin irritation.
Causes respiratory tract irritation.
Harmful if swallowed.
Avoid breathing dust.
Do not ingest.
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 : Inhalation
Eye contact
Skin contact
Ingestion
- Inhalation : Causes respiratory tract irritation.
- Skin : Causes skin irritation.
- Eyes : Causes eye irritation.
- Ingestion : Harmful if swallowed.
- Chronic Exposure : None known.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration
aluminium sulphate	10043-01-3	100 %

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove to fresh air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
Call a physician if irritation develops or persists.
- Skin contact : Rinse immediately with plenty of water for at least 15 minutes.
Call a physician if irritation develops or 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 CENTRE or doctor/physician.
- Ingestion : If swallowed, DO NOT induce vomiting.
Drink 1 or 2 glasses of water.
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 : not applicable

Protective equipment and precautions for firefighters

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

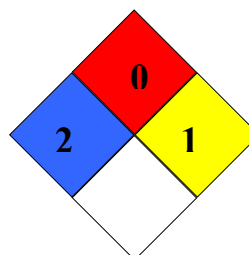
Hazardous decomposition products : Sulphur oxides

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: 2
Fire Hazard: 0
Reactivity Hazard: 1



SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled 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". Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

SECTION 7. HANDLING AND STORAGE**Handling**

Advice on safe handling : Avoid contact with skin, eyes and clothing.
 Avoid breathing dust.
 Mix only with water.
 Never add water to this product.
 Always add product to large quantities of water.
 Do not mix with other chemicals.
 Use only clean and dry utensils.
 Do not add this product to any dispensing devices containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.
 Do not add to skimmer if remnants of any other products are present or an explosion may occur.
 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 : Keep this product dry in its original container.
 Keep tightly closed in a dry, cool and well-ventilated place.
 Keep out of reach of children.
 Keep away from animals.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines****Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
aluminium sulphate 10043-01-3	TWA ; OSHA PO 1989-03-01	2 mg/m3	Calculated as Al
aluminium sulphate 10043-01-3	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 : Goggles
 Safety glasses

Hand protection : Wear rubber gloves.

Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2

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requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures : Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : granules
Colour : white
Odour : Odorless

Safety data

Flash point : not applicable
pH : ca. 3.5
1% Solution
Melting point/range : 221 °F (105 °C)
Vapour pressure : Negligible
Relative density : 1.61
Water solubility : 500 g/l

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Moisture/high humidity.
Poor ventilation.
High temperatures.
Contamination

Materials to avoid : Do not mix with other swimming pool/spa chemicals in their concentrated forms.

Hazardous decomposition products : Type: Hazardous decomposition products
Sulphur oxides

Hazardous reactions : Hazardous polymerisation does not occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 mouse
Dose: 6,207 mg/kg

- Skin irritation : Causes skin irritation.

- Eye irritation : Causes eye irritation.

SECTION 12. ECOLOGICAL INFORMATION

- 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

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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. EPA CERCLA (Product) : US. EPA CERCLA Hazardous Substances (40 CFR 302)

US CERCLA (Component) : US. Environmental Protection Agency (EPA); The 1980 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Reportable quantity: 5,000 lbs

aluminium sulphate	10043-01-3	100 %
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US CWA (Product) : Listed

US State Regulations

US MA RTK (Component) : US. The Commonwealth of Massachusetts Department of Public Health; Massachusetts Right-to-know law, The Massachusetts Substance List, 105 CMR 670.000

Massachusetts hazardous substance

aluminium sulphate	10043-01-3	100 %
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US NJ RTK (Component) : US. New Jersey Department of Environmental Protection -; Bureau of Hazardous Substances New Jersey Right to Know Law, Hazardous Substance List [P.L. 1983, C. 315, NJSA 34:5A-1 et seq]

hazardous substance

aluminium sulphate	10043-01-3	100 %
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US PA RTK (Component) : US. Commonwealth of Pennsylvania - Department of Labor and Industry; Pennsylvania Code Title 34, Labor and Industry Chapter 323

environmental hazard, hazardous substance

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aluminium sulphate	10043-01-3	100 %
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The components of this product are reported in the following inventories:
TSCA

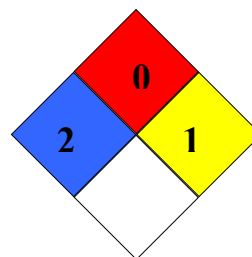
Additional advice :

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

SECTION 16. OTHER INFORMATION

Further information

NFPA Classification : Health Hazard: 2
Fire Hazard: 0
Reactivity Hazard: 1



HMIS Classification : Health Hazard: 2
Flammability: 0
Physical and chemical hazards: 1
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.