

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

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® Maintain Stabilizer 100  
Product Use Description: Recreational Water Product  
Chemical nature: Isocyanurate  
  
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**

**CAUTION!**

Form: granules  
Colour: white  
Odour: Odorless

May cause eye irritation.

OSHA Hazards:  
THIS MATERIAL IS NOT HAZARDOUS UNDER THE  
CRITERIA OF THE FEDERAL OSHA HAZARD  
COMMUNICATION STANDARD 29CFR 1910.1200.

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

**Potential Health Effects**

- Primary Routes of Entry : Eye contact  
Ingestion
- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin : Not expected to cause skin irritation under normal use conditions.
- Eyes : May cause eye irritation.
- Ingestion : No adverse health effects anticipated from ingestion of incidental amounts of product.
- Chronic Exposure : None known.

**SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous components**

Component	CAS-No.	Concentration
cyanuric acid	108-80-5	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 POISON CENTRE or doctor/physician.
- Skin contact : Remove contaminated clothing and shoes.  
If on skin, rinse well with water.  
If skin irritation occurs, get medical advice/attention.
- 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 : Call a physician or poison control centre immediately.  
Have person sip a glass of water if able to swallow.  
Do not induce vomiting unless told to do so by the poison control center or doctor.  
Do not give anything by mouth to an unconscious person.

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

**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.

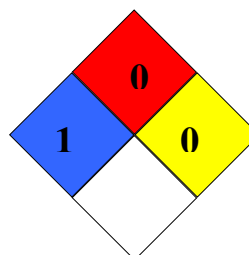
Hazardous decomposition products : no data available

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**

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".

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

**SECTION 7. HANDLING AND STORAGE**

**Handling**

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

**Storage**

Requirements for storage areas and containers : Keep only in the original container.  
Keep containers 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**

**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  
Hand protection : Not required under normal use.  
Respiratory protection : Not required under normal use.  
Hygiene measures : Remove and wash contaminated clothing before re-use.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Form : granules  
Colour : white  
Odour : Odorless

**Safety data**

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

Flash point : not applicable

pH : 4.8 - 5.2  
10% Slurry

Melting point/range : > 626 °F (330 °C)

Density : 0.897 g/cm3

Water solubility : slightly soluble

**SECTION 10. STABILITY AND REACTIVITY**

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

Materials to avoid : Do not mix with other swimming pool/spa chemicals in their concentrated forms.  
Strong acids  
Strong bases  
Strong oxidizing agents

Hazardous decomposition products : Type: Hazardous decomposition products  
no data available

Hazardous reactions : Hazardous polymerisation does not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : LD50 rat  
Dose: > 10,000 mg/kg

Acute dermal toxicity : LD50 rabbit  
Dose: > 7,940 mg/kg

Eye irritation : May cause eye irritation.

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : Not expected to 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.  
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

**BioGuard® Maintain Stabilizer 100**

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

**SECTION 15. REGULATORY INFORMATION**

**National regulatory information**

**OSHA Hazards** : This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

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

TSCA  
DSL

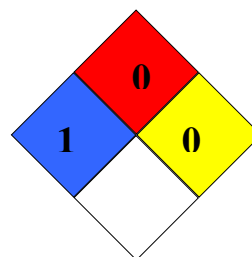
**Additional advice :**

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

**SECTION 16. OTHER INFORMATION**

**Further information**

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



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

***BioGuard® Maintain Stabilizer 100***

Version:	1.3
Revision Date:	05/01/2008
Print Date:	02/09/2009

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.