

**Softsoak ® by SpaGuard ® Sanitizer**

|                |            |
|----------------|------------|
| Version:       | 1.0        |
| Revision Date: | 07/31/2008 |
| Print Date:    | 09/18/2009 |

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: Softsoak ® by SpaGuard ® Sanitizer  
Product Use Description: Recreational Water Product  
Chemical nature: Polymer  
EPA Registration Number: 72674-19-5185

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

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: blue  
Odour: Perfume aroma.

Causes severe eye irritation.  
Harmful if swallowed.  
May cause skin irritation.  
May cause sensitization by skin contact.

OSHA Hazards:  
THIS MATERIAL IS HAZARDOUS UNDER THE  
CRITERIA OF THE FEDERAL OSHA HAZARD  
COMMUNICATION STANDARD 29CFR 1910.1200.

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May cause respiratory tract irritation.  
Avoid breathing vapors.  
Do not get in eyes, on skin, or on clothing.

**Potential Health Effects**

- Primary Routes of Entry : Skin contact  
Eye contact  
Inhalation  
Ingestion
- Inhalation : May cause respiratory tract irritation.
- Skin : May cause skin irritation.
- Eyes : Causes severe eye irritation.
- Ingestion : Harmful if swallowed.

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

**Hazardous components**

| Component   | CAS-No.    | Concentration |
|---|------------|---------------|
| Poly(iminoimidocarbonyliminoimidocarbonyliminohexamethylene), hydrochloride | 32289-58-0 | 20 %          |

**SECTION 4. FIRST AID MEASURES**

**First aid procedures**

- Inhalation : Remove to fresh air.  
Give oxygen or artificial respiration if needed.  
Call a POISON CENTRE or doctor/physician.
- Skin contact : Remove contaminated clothing and shoes.  
Rinse immediately with plenty of water for at least 15 minutes.  
Call a POISON CENTRE or doctor/physician.
- 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

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doctor.  
Do not give anything by mouth to an unconscious person.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Flammable properties**

Flash point : does not flash

**Protective equipment and precautions for firefighters**

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

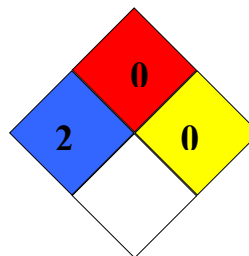
Hazardous decomposition products : Carbon oxides  
nitrogen oxides (NOx)  
Ammonia  
Halogen containing gases  
Carbonyl halides

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: 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.  
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.

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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 skin, eyes and clothing.  
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 tightly closed.  
Store in a cool, dry, well ventilated area away from heat or open flame.  
Keep out of reach of children.  
Keep away from animals.

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

**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 with side-shields

Hand protection : 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 : blue  
Odour : Perfume aroma.

**Safety data**

Flash point : does not flash  
pH : ca. 5 - 6  
Freezing point : Not Available  
Boiling point/boiling range : 210 °F (99 °C)  
Vapour pressure : Not Available  
Density : Not Available  
Relative density : 1.04  
Water solubility : soluble  
Partition coefficient: n-octanol/water : Not Available  
Viscosity, dynamic : no data available  
Relative vapour density : Not Available

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : Contamination  
Materials to avoid : Copper  
Metals  
Sodium hydroxide  
silver  
Hazardous decomposition products : Type: Hazardous decomposition products  
Carbon oxides  
nitrogen oxides (NOx)  
Ammonia  
Halogen containing gases  
Carbonyl halides

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Hazardous reactions : Hazardous polymerisation does not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Eye irritation : Avoid contact with eyes.  
Causes severe eye irritation.

Sensitisation : Causes sensitization.

Further information  
(Product) : PHMB, the active ingredient in this product, when administered at very high doses, induced an increased incidence of cancer in mice., When this product is used according to label directions as a swimming pool sanitizer, PHMB in this product does not represent a practical risk to man.

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : Toxic to fish.  
Toxic to aquatic organisms.  
Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Do not re-use empty containers.  
Rinse thoroughly before discarding in trash.

**SECTION 14. TRANSPORT INFORMATION**

**DOT** Not dangerous goods

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**TDG** Not dangerous goods

**IATA** Not dangerous goods

**IMDG** Not dangerous goods

Not regulated for transport

**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

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

**Additional advice :**

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act): This product is a registered pesticide.

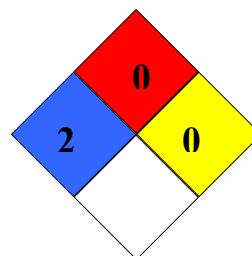
**SECTION 16. OTHER INFORMATION**

**Further information**

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



**HMS Classification** : Health Hazard: 2  
Flammability: 0  
Physical and chemical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

**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. 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.