

MINERAL SPRINGS® STAIN AND SCALE

Version:	1.0
Revision Date:	08/05/2008
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: MINERAL SPRINGS® STAIN AND SCALE

Product Use Description: Recreational Water Product

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:	clear to light yellow
Odour:	slight

- May cause allergic skin reaction.
- May cause eye irritation.
- May cause skin irritation.
- May cause respiratory tract irritation.

Potential Health Effects

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- Aggravated Medical Condition : Skin disorders
- Inhalation : May cause irritation of respiratory tract.
- Skin : May cause allergic skin reaction.
May irritate skin.
- Eyes : May cause eye irritation.
- Ingestion : May cause:
- nausea
Vomiting

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration
Organic acid 032		40 %
Trade secret 512		1.3 %
Trade secret 089		1.1 %

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove to fresh air.
Call a physician if irritation develops or persists.
- Skin contact : Remove contaminated clothing and shoes.
Wash off with plenty of water.
Call a physician if irritation develops or 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 : Do NOT induce vomiting.
Rinse mouth with water.
Have person sip a glass of water if able to swallow.
Call a POISON CENTRE or doctor/physician.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : not applicable

Protective equipment and precautions for firefighters

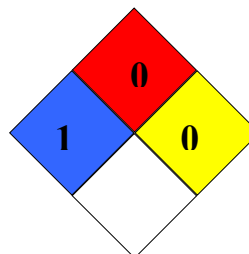
Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous decomposition products : Oxides of phosphorus
Carbon oxides

Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary. 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

Personal precautions : Wear suitable protective clothing.
Avoid contact with skin and eyes.

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

Methods for containment / Methods for cleaning up : Soak up with inert absorbent material and dispose of as hazardous waste.

SECTION 7. HANDLING AND STORAGE

Handling

Advice on safe handling : Avoid breathing vapors.
Avoid contact with skin, eyes and clothing.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.

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Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.
Do not handle until all safety precautions have been read and understood.

Storage

Requirements for storage areas and containers : 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

Engineering measures

Engineering measures : Use only with adequate ventilation.
Handle in accordance with good industrial hygiene and safety practice.
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : No special protective equipment required.
Hand protection : No special protective equipment required.
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 : Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : clear to light yellow
Odour : slight

Safety data

Flash point : not applicable
pH : 9.5 - 11
1% Solution

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Boiling point/boiling range : > 212 °F (100 °C)
Vapour pressure : Not Available
Density : 1.4 g/cm3
at 77 °F (25 °C)
Water solubility : soluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : High temperatures.
Contamination
Materials to avoid : Strong mineral acids
Hazardous decomposition products : Type: Hazardous decomposition products
Oxides of phosphorus
Carbon oxides
Hazardous reactions : polymerization
Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 5,000 mg/kg
Information given is based on data obtained from similar substances.
Acute dermal toxicity : LD50 rat
Dose: > 2,000 mg/kg
Information given is based on data obtained from similar substances.
Sensitisation : guinea pig
Result: Causes sensitization.
Information given is based on data obtained from similar substances.

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SECTION 12. ECOLOGICAL INFORMATION

Acute Fish toxicity : LC50
Species: Oncorhynchus mykiss (rainbow trout)
Concentration: > 100.00 mg/l
Exposure time: 96 h

Toxicity to algae :
Species: EC50
Algae
Dose: > 100.00 mg/l
Exposure time: 72 h

Toxicity to daphnia and other aquatic invertebrates. (Chronic toxicity) :
Species: EC50
Daphnia magna (Water flea)
Concentration: > 1,000.00 mg/l
Exposure time: 48 h

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

SARA Hazard category : Acute Health Hazard

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

Reportable quantity: 5,000 lbs

Trade secret 089 || || 1.1 %

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

Trade secret 089 || || 1.1 %

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

Trade secret 089 || || 1.1 %

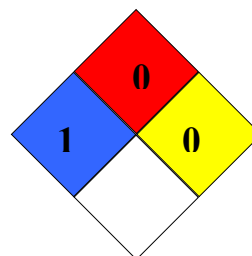
SECTION 16. OTHER INFORMATION

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

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.