

SpaGuard® Spa Stain and Scale Control

Version:	1
Revision Date:	11/20/2007
Print Date:	09/28/2009

Chemtura Corporation urges the recipient of this Safety Data Sheet 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: SpaGuard® Spa Stain and Scale Control

Product Use Description: Spa and Hot Tub Product

Company: Bio-Lab, Inc., A Chemtura Company
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: 1-800-859-7946

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

DANGER!

Form: liquid
Colour: clear
light yellow

Corrosive
Causes eye burns.
May cause skin irritation.
May be harmful if swallowed.
Avoid breathing vapors.

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Do not get in eyes, on skin, or on clothing.

Potential Health Effects

- Inhalation : May cause irritation of respiratory tract.
- Skin : May cause skin irritation.
- Eyes : Causes eye burns.
- Ingestion : May be harmful if swallowed.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Weight %
Hydroxyethylidene diphosphonic acid	2809-21-4	10 - 20
Polymaleic Acid	26099-09-2	10 - 20

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove to fresh air.
Obtain medical attention for any breathing difficulties.
- Skin contact : Wash off with soap and plenty of water.
Get medical attention if irritation develops and 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: Immediately call a POISON CENTRE or doctor/physician.
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.

Notes to physician

- Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : Not Available

Protective equipment and precautions for firefighters

Suitable extinguishing media : Dry chemical
Water
Foam
Carbon dioxide (CO2)
Keep containers and surroundings cool with water spray.

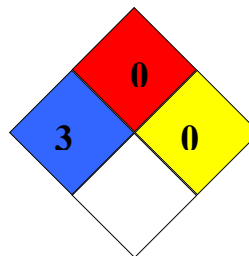
Hazardous decomposition products : Carbon oxides

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: 3
Fire Hazard: 0
Reactivity Hazard: 0



SECTION 6. ACCIDENTAL RELEASE MEASURES

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.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

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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.
Keep out of reach of children.

Other data : Stable under normal conditions.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Engineering measures : Use only with adequate ventilation.
Local exhaust
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : Safety glasses with side-shields
Hand protection : Wear rubber gloves.
Skin and body protection : Remove and wash contaminated clothing before re-use.
Respiratory protection : In processes where mists or vapors may be generated, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

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Colour : clear
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Safety data

Flash point : Not Available
pH : < 3
Freezing point : Not Available
Boiling point/boilingrange : Not Available
Vapour pressure : Not Available
Density : 9.08 lb/gal
Water solubility : completely miscible
Relative vapour density : Not Available

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.
Oxidizing agents

Hazardous decomposition products : Type: Hazardous decomposition products Carbon oxides

Hazardous reactions : Hazardous polymerisation does not occur.

Note : Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Eye irritation : Causes eye burns.
Do not get in eyes.

IARC : US. IARC Monographs on Occupational Exposures to Chemical Agents
(Product) : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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NTP
(Product) US. National Toxicology Program (NTP) Report on Carcinogens
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHAS
(Product) US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : Not expected to be acutely toxic to aquatic organisms.
Do not allow material to contaminate ground water system.
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.
Do not re-use empty containers. Empty containers should be taken for local recycling or waste disposal.

SECTION 14. TRANSPORT INFORMATION

DOT UN-Number : 1760
Proper shipping name : Corrosive liquids, n.o.s.
Proper technical name (CONTAINS PHOSPHONIC ACID)
Class : 8
Packing group : III

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

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

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Not recommended for shipment by air
Limited Quantity exemption possible
ORM-D Consumer Commodity exemption possible

SECTION 15. REGULATORY INFORMATION

National regulatory information

SARA Hazard category : Acute Health Hazard

US SARA 313 (Product) : US. Environmental Protection Agency (EPA); Title III of Superfund Amendments and Reauthorization Act (SARA) of 1986 Section 313 Reportable Chemicals List, Toxic chemical listings and de minimis concentrations as amended by US Federal Register Final rules. **Remarks:** Not listed

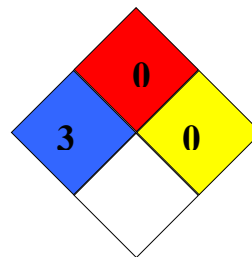
TSCA_12b (Product) : US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
Remarks: Not listed

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

SECTION 16. OTHER INFORMATION

Further information

NFPA Classification : Health Hazard: 3
Fire Hazard: 0
Reactivity Hazard: 0



HMIS Classification : Health Hazard: 3
Flammability: 0
Physical and chemical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

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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 Chemtura Corporation, it is the user's obligation to determine the conditions of safe use of the products.