

SoftSwim® Filter Cleaner

Version:	1.0
Revision Date:	08/01/2008
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: SoftSwim® Filter Cleaner
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

DANGER!

Form: liquid
Colour: Pink
Odour: Pungent

Corrosive
May be fatal if swallowed.
Causes eye burns.
Causes skin burns.
Causes respiratory tract irritation.
Avoid breathing vapors.
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 : Skin contact
Eye contact
Inhalation
Ingestion
- Inhalation : Causes respiratory tract irritation.
- Skin : Causes skin burns.
- Eyes : Causes severe eye damage.
- Ingestion : May be fatal if swallowed.
- Chronic Exposure : None known.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration
Phosphoric acid	7664-38-2	< 15 %
hydrogen chloride	7647-01-0	< 15 %

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.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Have person sip a glass of water if able to swallow.
Do not give anything by mouth to an unconscious person.

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Notes to physician

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

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.

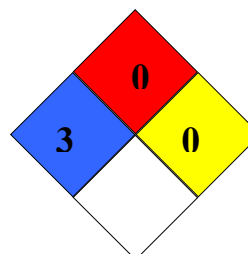
Hazardous decomposition products : Inorganic vapors.
Carbon oxides
Acid fumes.
Oxides of phosphorus
nitrogen oxides (NOx)

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.

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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 breathing vapors.
 Avoid contact with skin, eyes and clothing.
 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**Exposure Guidelines****Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
Phosphoric acid 7664-38-2	TWA ; ACGIH 1994-09-01	1 mg/m3	
Phosphoric acid 7664-38-2	STEL ; ACGIH 1994-09-01	3 mg/m3	
Phosphoric acid 7664-38-2	TWA ; OSHA PO 1989-03-01	1 mg/m3	
Phosphoric acid 7664-38-2	STEL ; OSHA PO 1989-03-01	3 mg/m3	
Phosphoric acid 7664-38-2	TWA ; OSHA P1 1993-06-30	1 mg/m3	

Exposure Guidelines**Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
hydrogen chloride 7647-01-0	CEIL ; ACGIH 2003-01-01	2 ppm	A4: The agent (mixture, or exposure circumstance) is not classifiable as to its carcinogenicity to humans. ACGIH 2003 Adoption

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hydrogen chloride 7647-01-0	CEIL : OSHA PO 1989-03-01	5 ppm 7 mg/m3	
hydrogen chloride 7647-01-0	CEIL : OSHA P1 1993-06-30	5 ppm 7 mg/m3	

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 : Pink

Odour : Pungent

Safety data

Flash point : not applicable

pH : < 2

Boiling point/boiling range : > 212 °F (100 °C)

Density : 9.34 lb/gal

Water solubility : completely miscible

Relative vapour density : Heavier than air

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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.
Metals
Alkalis.
- Hazardous decomposition products : Type: Hazardous decomposition products

Inorganic vapors.
Carbon oxides
Acid fumes.
Oxides of phosphorus
nitrogen oxides (NOx)
- Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

- Skin irritation : Causes skin burns.
- Eye irritation : Causes eye burns.

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.

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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 UN-Number : 1760
Proper shipping name : Corrosive liquids, n.o.s.
Proper technical name (orthophosphoric acid, Hydrochloric Acid Solution)
Class : 8
Packing group : II

IATA UN-Number : 1760
Proper shipping name : Corrosive liquid n.o.s.
Proper technical name (orthophosphoric acid, Hydrochloric Acid Solution)
Class : 8
Packing group : II

IMDG UN-Number : 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
Proper technical name (orthophosphoric acid, Hydrochloric Acid Solution)
Class : 8
Packing group : II

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

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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.

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

Listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Listed

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

Reportable quantity: 5,000 lbs

Phosphoric acid	7664-38-2	< 15 %
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Reportable quantity: 5,000 lbs

hydrogen chloride	7647-01-0	< 15 %
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US SARA 302 (Component) : US. Environmental Protection Agency (EPA); Superfund Amendments and Reauthorization Act (SARA) Section 302 Extremely Hazardous Substances as amended by US Federal Register Final rules.

Reportable quantity: 5,000 lbs

hydrogen chloride	7647-01-0	< 15 %
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US SARA 302 (Component) : US. Environmental Protection Agency (EPA); Superfund Amendments and Reauthorization Act (SARA) Section 302 Extremely Hazardous Substances as amended by US Federal Register Final rules.

TPQ (threshold planning quantity): 500 lbs

hydrogen chloride	7647-01-0	< 15 %
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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.

Listed

US SARA 313 (Component) : 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.

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De minimis concentration: 1 %		
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(Product)

Listed

US State Regulations

US MA RTK
(Component)

: <u>US. The Commonwealth of Massachusetts Department of Public Health; Massachusetts Right-to-know law, The Massachusetts Substance List, 105 CMR 670.000</u>		
Massachusetts hazardous substance		
Phosphoric acid	7664-38-2	< 15 %

Extraordinarily hazardous, Massachusetts hazardous substance		
hydrogen chloride	7647-01-0	< 15 %

US NJ RTK
(Component)

: <u>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, NJS 34:5A-1 et seq]</u>		
special health hazard substance, special health hazard, corrosive		
Phosphoric acid	7664-38-2	< 15 %

special health hazard substance, special health hazard, corrosive		
hydrogen chloride	7647-01-0	< 15 %

hazardous substance		
hydrogen chloride	7647-01-0	< 15 %

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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

Phosphoric acid	7664-38-2	< 15 %
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environmental hazard, hazardous substance

hydrogen chloride	7647-01-0	< 15 %
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The components of this product are reported in the following inventories:
TSCA

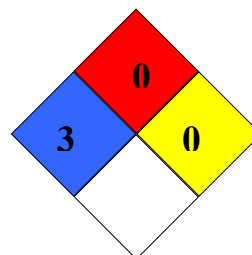
Additional advice :

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

SECTION 16. OTHER INFORMATION

Further information

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



HMS Classification : Health Hazard: 3
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

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