

Material Safety Data Sheet

SPAGUARD® ACCESSORY NATURAL SPA ENZYME™

Version: 1.0

Revision Date: 03/19/2010

Print Date: 12/26/2014

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *SPAGUARD® ACCESSORY NATURAL SPA ENZYME™*

Product Use Description: Recreational Water Product

Synonyms: Enzyme Cleaner, Vegetable enzyme derivative

Company: Bio-Lab, Inc.
BioGuard
P.O. Box 300002
Lawrenceville, GA
30049-1002

Emergency telephone: CHEMTREC: (24 hours) 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.

Prepared by: Product Safety Department
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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Caution

Form: liquid Colour: clear brown Odour: mild

Hazard Summary : May cause eye irritation.
May cause skin irritation.
Do not ingest.
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS NOT 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
Ingestion
Eye contact
- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin : May cause skin irritation.
- Eyes : May cause eye irritation.
- Ingestion : Excessive ingestion may cause mild nausea or diarrhea.
- Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

This product does not contain reportable hazardous ingredients as defined by the OSHA Hazard Communication Standard 29 CFR 1910.120

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Move to fresh air.
Get medical attention if irritation develops and persists.
- Skin contact : Wash off with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : Immediately flush eyes for at least 15 minutes. Get medical attention.
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a physician if irritation develops or persists.
- Ingestion : If swallowed
Have person sip a glass of water if able to swallow.
Never give anything by mouth to an unconscious person.
Call a physician or poison control centre immediately.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

- Flash point : Remarks: None.

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Fire fighting

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

Further information : There are no unusual fire and explosion hazards known.

Protective equipment and precautions for firefighters

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up Additional advice : Flush into sewer with plenty of water.
: Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Avoid contact with skin, eyes and clothing.
Mix only with water.
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 containers tightly closed in a dry, cool and well-ventilated place.
Keep out of reach of children.
Keep away from animals.

Other data : Stable under normal conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering measures

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

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Personal protective equipment

- Eye protection : not required under normal use
- Hand protection : not required under normal use
- Respiratory protection : None required.
- Hygiene measures : Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : liquid
- Colour : clear
brown
- Odour : mild

Safety data

- Flash point : Note: None.
- pH : 9 - 10
- Freezing point : Note: Not Available
- Boiling point/boiling range : 212 °F (100 °C)
- Vapour pressure : Note: Equal to water
- Density : 1 g/cm³
- Water solubility : Note: soluble
- Relative vapour density : 1

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: High temperatures.
Poor ventilation.
Contamination
- Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their
concentrated forms.
Oxidizing agents

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Hazardous decomposition products : Note: Organic vapors.
Inorganic vapors.
Carbon oxides

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: May irritate skin.

Eye irritation : Remarks: May cause eye irritation.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : no data available

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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RID

Not dangerous goods

Not regulated for transport

SECTION 15. REGULATORY INFORMATION

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

CERCLA Reportable Quantity :

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

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

TSCA

Note: Listed

TSCA list Information

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
ZUS_T12B

Not listed

SECTION 16. OTHER INFORMATION

Further information

HMIS Classification

: Health hazard: 1
Flammability: 0
Physical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

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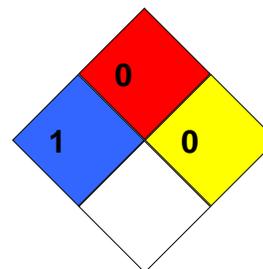
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NFPA Classification

: Health hazard: 1
Fire Hazard: 0
Reactivity Hazard: 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.