

BioGuard ®AntiFoam

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| Version: | 1.0 |
| Revision Date: | 03/18/2009 |
| 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: BioGuard ®AntiFoam
Product Use Description: Defoamer
Chemical nature: Organosilicone Emulsion

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

CAUTION!

Form: milky
Colour: white
Odour: mild

May cause mild irritation of the eyes.
May cause mild irritation of the skin.
Do not mix with other chemicals.
Wash thoroughly with soap and water after handling.
Do not handle until all safety precautions have been read and understood.

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 : None.
- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin : May cause mild irritation of the skin.
- Eyes : May cause mild irritation of the eyes.
- Ingestion : No evidence of adverse effects from available information.
- Chronic Exposure : None known.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Note: No ingredients are hazardous according to HCS criteria.

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove to fresh air.
Call a physician if irritation develops or persists.
- Skin contact : Rinse immediately with plenty of water for at least 15 minutes.
Call a physician if irritation develops or persists.
- Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
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.
Never give anything by mouth to an unconscious person.
Call a POISON CENTRE or doctor/physician.

Notes to physician

- Treatment : Treatment is controlled removal of exposure followed by symptomatic and supportive care.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : None.

Protective equipment and precautions for firefighters

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

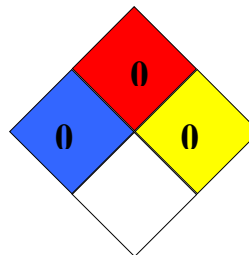
Hazardous decomposition products : Carbon oxides
Oxides of silicon

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: 0
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".

SECTION 7. HANDLING AND STORAGE

Handling

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Advice on safe handling : Avoid contact with skin, eyes and clothing.
Avoid breathing vapors.
Mix only with water.
Do not mix with other chemicals.

Storage

Requirements for storage areas and containers : Store in original container.
Keep 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 : Ensure that eyewash stations and safety showers are close to the workstation location.
Use with adequate ventilation.

Personal protective equipment

Eye protection : Safety glasses with side-shields
Not required under normal use.

Hand protection : For prolonged or repeated contact use protective gloves.
Wear rubber gloves.

Respiratory protection : No personal respiratory protective equipment normally required.
If product is used in an area with poor ventilation and mist or vapor is expected, a respirator that meets OSHA/ANSI standards may be required.

Hygiene measures : Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : milky

Colour : white

Odour : mild

Safety data

Flash point : None.

pH : 6 - 7

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Freezing point : 32 °F (0 °C)
Boiling point/boiling range : 212 °F (100 °C)
Vapour pressure : < 26.7 hPa (26.7 hPa)
Relative density : 1
Water solubility : dispersible
Relative vapour density : >1

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
Oxides of silicon

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

IARC (Product) : US. IARC Monographs on Occupational Exposures to Chemical Agents
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.

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.

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

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as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.

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.
Offer rinsed packaging material to local recycling facilities.

SECTION 14. TRANSPORT INFORMATION

Not regulated for transport

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SECTION 15. REGULATORY INFORMATION

National regulatory information

OSHA Hazards : This material is not 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)
Not listed

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.

Not listed

TSCA_12b (Product) : US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

Not listed

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.

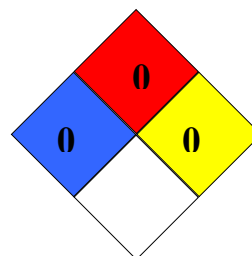
SECTION 16. OTHER INFORMATION

Further information

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



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

Other Emergency Phone Number

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| <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.