

MATERIAL SAFETY DATA SHEET

MSDS

BioGuard Sparkle Up

Date-Issued:07/23/1997
MSDS Ref. No:BBIO23715
Date-Revised:11/18/2002
Revision No:1

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT NAME:** BioGuard Sparkle Up**GENERAL USE:** Filtration aid.**CHEMICAL FAMILY:** Cellulose**GENERIC NAME:** Cellulose Flock**MANUFACTURER**

Bio-Lab, Inc.

BioGuard

P.O. Box 1489

Decatur, GA 30031

Customer SERVICE: 800-859-7946**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (Transportation)** (800) 424-9300**Poison Control Center (Medical)** 877-800-5553**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Cellulose	9004-34-6	100

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****PHYSICAL APPEARANCE:** Fibrous, white to off-white material.**IMMEDIATE CONCERNS:** CAUTION: Avoid breathing dust. Dust may be irritating to nose and throat and may cause respiratory congestion. Avoid contact with eyes. Dust may cause temporary eye irritation.**POTENTIAL HEALTH EFFECTS****EYES:** May cause mechanical irritation with redness, itching and swelling. Avoid contact with eyes.**SKIN:** This product is not expected to cause skin irritation. However, in accordance with good personal hygiene practices, wash thoroughly with soap and water after handling product.**INGESTION:** If swallowed, no hazards anticipated from ingestion of incidental exposure.**INHALATION:** May be irritating to nose and throat. Avoid breathing dust or vapors.**CHRONIC:** There are no known chronic hazards.**ROUTES OF ENTRY:** Skin Contact, Inhalation, Ingestion, Eye Contact.**4. FIRST AID MEASURES****EYES:** If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.**SKIN:** If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.**INGESTION:** Not an expected route of overexposure.**INHALATION:** If inhaled: Drink water to clear throat, blow nose to evacuate dust.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA: Water Fog

EXPLOSION HAZARDS: Fine dust in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Collect solid for reuse if possible. If not possible, collect in suitable labeled dispose of in household trash. Wash area after collection with water.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes. Avoid breathing dust.

HANDLING: Do not mix with other chemicals.

STORAGE: Keep this product in original tightly closed container when not in use. Do not reuse container, but place in trash collection.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Cellulose						
	TWA	[1]		10		

OSHA TABLE COMMENTS:

1. TWA is 5 mg/m³ resp., 15 mg/m³ total

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to maintain exposure below TLV.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear safety glasses with side shields where there is potential for eye contact.

SKIN: None required when used as directed.

RESPIRATORY: If needed, use MSHA-NIOSH approved dust respirator.

WORK HYGIENIC PRACTICES: Wash hands thoroughly with soap and water after handling.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Fibrous

COLOR: White to off-white

pH: Not Applicable

PERCENT VOLATILE: Not Applicable

VAPOR PRESSURE: Non-Volatile
VAPOR DENSITY: Not-Volatile
BOILING POINT: Not Applicable
FREEZING POINT: Not Applicable
MELTING POINT: Not Applicable
SOLUBILITY IN WATER: < 1g/100g Water
SPECIFIC GRAVITY: 1.58 (water=1)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperature. Poor ventilation. Contamination. Moisture/high humidity.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

INCOMPATIBLE MATERIALS: Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product may be irritating to eyes.

SKIN EFFECTS: This product is not expected to be a skin irritant or sensitizer.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is considered to be non-toxic and is insoluble in water.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: This product is not considered a hazardous waste. Recycle or dispose of as a non-hazardous, solid industrial waste in accordance with federal, state, and local regulations.

PRODUCT DISPOSAL: If unable to use product in pool, dispose of in household trash.

EMPTY CONTAINER: Do not reuse empty container. Discard in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated as a DOT Hazardous Material

OTHER SHIPPING INFORMATION: Bill of Lading Description - Compounds, Swimming Pool, Cleaning or Water Treating, Dry or Liquid (NMFC 50086)

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO

313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

OSHA HAZARD COMM. RULE: Product is not hazardous by definition of the Hazardous Communication Standard.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a registered pesticide.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY Revision #: 1

This MSDS replaces the July 25, 1997 MSDS. Any changes in information are as follows:

In Section 1

Prepared By

In Section 3

Emergency Overview - Immediate Concerns Potential Health Effects - Eyes Potential Health Effects - Skin Potential Health Effects - Ingestion

In Section 4

Firstaid - Eyes Firstaid - Skin Firstaid - Ingestion Firstaid - Inhalation

In Section 5

Auto Ignition °F (From) Fire Fighting Equipment Explosion Hazards Fire Fighting Procedures

In Section 6

General Procedures

In Section 7

Handling Storage General Procedures

In Section 8

Skin Protection Eyes-Face Protection Respiratory Protection Work Hygienic Practices

In Section 9

(Group Field) for pH (Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density (Group Field) for Boiling Point (Group Field) for Freezing Point (Group Field) for Melting Point Specific Gravity (From) (Group Field) for Percent Volatile

In Section 11

Eye Effects Skin Effects

In Section 12

Ecotoxicological Information

In Section 13

Product Disposal Empty Container Disposal

In Section 14

DOT Proper Shipping Name

In Section 15

Fire Pressure Generating Reactivity Accute Chronic

HMIS RATING

HEALTH:		0
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		B

NFPA RATING

HEALTH:	0
FIRE:	0
REACTIVITY:	0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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