

MATERIAL SAFETY DATA SHEET

MSDS

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Date-Issued: 07/31/1997

MSDS Ref. No: BBIO26236

Date-Revised: 08/19/1997

Revision No: New MSDS

BioGuard Cyanuric Acid Tablets

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BioGuard Cyanuric Acid Tablets

GENERAL USE: Water Analysis

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>
Potassium chloride	7447-40-7	33
1,3,5-Triazine-2,4,6-Triamine	108-78-1	1

COMMENTS:

All other ingredients are proprietary NJTSRN 80100291-5030p.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:

Small white tablet

IMMEDIATE CONCERNS:

As part of good personal hygiene and safety procedures, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

POTENTIAL HEALTH EFFECTS

EYES:

May cause eye irritation. Avoid contact with eyes.

SKIN:

May cause skin irritation. Avoid contact with skin.

INGESTION:

Harmful if swallowed.

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INHALATION:

This product is not expected to present an inhalation hazard.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

INGESTION:

Ingestion of large quantities may cause gastrointestinal irritation and circulatory problems.

CARCINOGENICITY:

1,3,5-Triazine-2,4,6-triamine is suspected to cause in humans.

ROUTES OF ENTRY:

Skin Contact, Ingestion, Eye Contact.

TARGET ORGAN STATEMENT:

Bladder, Kidney

4. FIRST AID MEASURES

EYES:

If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

SKIN:

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION:

If swallowed: Drink large amounts of water. Avoid Alcohol. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician or poison control center immediately.

INHALATION:

Not an expected route of overexposure.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

GENERAL HAZARD:

There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA:

Appropriate to surrounding fire.

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FIRE FIGHTING EQUIPMENT:

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Sweep up, dissolve in water and flush down drain with excess water. Dispose of according to federal, state and local regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

Avoid contact with eyes, skin or clothing.

HANDLING:

Read entire product label and use strictly in accordance with hazard warnings and directions.

STORAGE:

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL ppm	OSHA PEL mg/m ³	ACGIH TLV ppm	ACGIH TLV mg/m ³	SUPPLIER OEL ppm	SUPPLIER OEL mg/m ³
1,3,5-Triazine-2,4,6-Triamine	TWA	N/E		N/E			

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:

Wear goggles or safety glasses with side shields when handling this product.

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SKIN:

Wear rubber gloves when handling this product. Avoid contact with skin.

RESPIRATORY:

None required.

WORK HYGIENIC PRACTICES:

If product gets on clothing, remove and wash before reuse.

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: None

APPEARANCE: Small Tablet

COLOR: White

pH: 6(1 tablet in 10 ml water)

SOLUBILITY IN WATER: Soluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

Heat, moisture.

STABILITY:

This product is stable under normal conditions.

POLYMERIZATION:

Hazardous polymerization will not occur under normal conditions.

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 may be irritating to skin.

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CARCINOGENICITY:

1,3,5-Triazine-2,4,6-triamine is listed by IARC as: Not classifiable as human carcinogen (Group 3); human evidence is: no adequate data; animal evidence is: inadequate.

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 may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:

Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

OSHA HAZARD COMM. RULE:

Product is 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

REVISION SUMMARY

Revision #: 1

This MSDS replaces the MSDS. Any changes in information are as follows:

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NFPA CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0

HMIS CODES

HEALTH: * 1 FIRE: 0 REACTIVITY: 0 PROTECTION: B

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
