

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AzaGuard[®],
Product Type: Biopesticide/Insecticide

Manufacturer: BioSafe Systems LLC
22 Meadow Street
East Hartford, CT 06108
(888) 273-3088

U.S. EPA #70299-17
EPA Establishment #: 70299-CT-001, 06744-IL-001

Emergency: CHEMTREC: 800-424-9300 (24 HOURS EVERY DAY)
Creation Date: 10.2013

2. COMPOSITION / INFORMATION ON INGREDIENTS

Azadirachtin.....CAS #11141-17-6.....3%
Other ingredients.....97%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause eye and skin irritation. May cause respiratory irritation, especially at temperatures over 90°F. Contains a combustible liquid.

Signal Word: CAUTION

Potential Health Effects

Route(s) of Entry: Eyes, skin, oral, inhalation.
Signs of Acute Overexposure: May cause skin and eye irritation. May cause skin sensitization.
Signs of Chronic Overexposure: None known.
Carcinogenicity: None known.
Medical Conditions Aggravated by Exposure: None known

4. FIRST AID MEASURES

If on skin: Wash with plenty of soap and water. Get medical attention.
If inhaled: Move person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
If swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes: Hold eye open and flush with a steady, gentle stream of water for at least 15 minutes. Get medical attention.

5. FIRE-FIGHTING MEASURES

Flammability Properties:
Flash Point (TCC) 165°F (74°C)
Autoignition Temperature 540°F (282°C)
Flammable Limits
Upper 1.5%
Lower 9.7%

Fire fighting methods Do not breathe fumes.
Extinguishing media Foam, carbon dioxide, dry chemical, water fog, water spray.
Specific hazards: Incomplete combustion of this product may result in fumes and vapors of unknown composition. Stay upwind in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Precautions: Observe hazards outlined in Sections 5 & 8. Keep away materials that are incompatible with this product (section 10) Avoid direct contact of this product with water.
Cleanup: Cover with absorbent (clay, sawdust, straw, kitty litter, etc.) to absorb the liquid. Sweep into an open drum. Clean the area with common powdered household detergent and a stiff brush

and just enough water to make a slurry. Absorb and sweep into the same open drum. Rinse with water, absorb, and add to the waste drum.
Waste Disposal: Refer to section 13.

7. HANDLING AND STORAGE

Never return unused product to the original container. Keep concentrate away from reactive substances. Keep product tightly sealed in original container. Store in ambient conditions (50 – 95 °F / 10 - 35° C), away from food, feed, fertilizers, or seeds. Keep out of direct sunlight and away from heat or flame sources. Do not allow to freeze. Wear recommended PPE, as indicated below in #8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory: Use with adequate ventilation.
Eyes: Safety glasses should be worn
Hands: Protective gloves – chemical resistant
Skin: Long-sleeved shirt and long pants, socks and shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Clear brown
Odor: Slightly pungent
Boiling Point: Approximately 334°F (178°C)
Melt/Freeze Point: Not determined
Flash Point: >200°F (100°C)
pH: 5.3
Specific Gravity: 1.064
Density: N/A
Solubility: Emulsifies in water
Vapor Pressure: 0.20 mm Hg

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Avoid: Heat/Flame/Sparks • Water/Moisture • Acids • Strong Oxidizing Agents • Reducing Metals • Alkali Metals
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Eye Irritation = Moderate Irritant (Toxicity Category II)
Skin Irritation = Slight Irritant (Toxicity Category IV)
Dermal = LD50 (rabbit) > 5,050 mg/kg
Inhalation = LC50, (rat) > 2.6 mg /L
Oral = LD50 (rat) >5,050 mg/kg

Teratogenicity: No evidence available to indicate this product is teratogenic.

Mutagenicity: No evidence available to indicate this product is mutagenic.

Carcinogenicity: None of the components of this product have been found to be carcinogenic.

12. ECOLOGICAL INFORMATION

Not expected to cause ecological problems. Uncontrolled releases of this product should be avoided.

13. DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Packaging Treatment: Rinse empty containers with clean water and treat the effluent the same as waste. Clean and empty containers are to be recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION

D.O.T. Class: Not regulated

UN Number: Not regulated
IMDG Class (sea): Not regulated
AITA Class (air): Not regulated
Marine Pollutant: No
Packing Group: Not regulated
Hazard Label(s): Not regulated
ADR Class (road): Not regulated
Proper Shipping Name(s): Not regulated
Reportable Quantity: No

15. REGULATORY INFORMATION

U.S. Federal Regulations:
This product is registered under EPA/FIFRA Regulations. It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.
Canadian Regulations: This product is not registered in Canada

SARA Title III Data:

Sections 311 and 312 Hazard Categories:
Immediate Health Hazard: Yes
Delayed Health Hazard: Yes
Fire Hazard: Yes
Reactive Hazard: No
Sudden Pressure Release Hazard: No
Section 302 Extremely Hazardous Substances: No
Section 313 Toxic Chemicals: None
CERCLA Hazardous Substances Reportable Quantity: None.

16. OTHER INFORMATION

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