

SAFETY DATA SHEET

AZARATE

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1. PRODUCT NAME

Azarate

2. COMPOSITION / INFORMATION OF INGREDIENTS

<u>Chemical Components</u>	<u>CAS No.</u>	<u>Percentage Range</u>
Azadirachtin	11141-17-6	1.2%
Other Components (EPA approved List 4B inert materials)		98.8%

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a brown material with a characteristic odor, which is intended for use as a botanical pesticide. There is no specific antidote if this product is ingested. Treat symptomatically. If a large amount has been ingested, give plenty of water to drink and seek medical attention.

Central Insecticides Board signal word

Caution

Potential Health Effects

None

Route(s) Of Entry

Eyes, skin, oral, inhalation.

Human Effects And Symptoms Of Overexposure

May cause irritation of eyes, skin or respiratory tract

Acute Eye Contact

Cause mild eye irritation

Chronic Eye Contact

Chronic exposure not likely from normal use

<i>Acute Skin Contact</i>	Slightly irritating. May cause irritation
<i>Chronic Ingestion</i>	Chronic exposure not likely from normal use
<i>Medical Conditions Aggravated By Exposure</i>	Not known

4. FIRST AID MEASURES

If poisoning is suspected, immediately contact a physician or the nearest hospital, tell the person contacted the complete product name and the type and amount of exposure. Describe any symptoms and follow the advice given.

<i>First Aid For Eyes</i>	Immediately rinse eyes with lots of water. Hold eyelids apart to rinse the entire surface of the eyes and lids.
<i>First Aid For Skin</i>	Wash with plenty of soap and water, including hair and under fingernails. Do not apply any medicating agents except on the advice of a physician. Remove contaminated clothing and decontaminate the place affected.
<i>First Aid For Inhalation</i>	Move the victim from the contaminated area to fresh air. Apply artificial respiration if necessary
<i>First Aid For Ingestion</i>	If the victim is fully conscious, immediately give large quantities of water to drink and get medical help. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

<i>Extinguishing Media</i>	Dry chemical foam or carbon-di-oxide
<i>Unusual Fire And Explosion Hazards</i>	None known
<i>Special Fire Fighting Procedures</i>	Wear full protective clothing and self contained breathing apparatus. Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated.

6. ACCIDENTAL RELEASE MEASURES

Spill Or Leak Procedures

Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long sleeved shirts, long pants, head covering and a NIOSH approved dust or pesticide respirator with a dust filter. For small pits, sweep up, keep dust to a minimum and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with the absorbent material. Seal the container and handle in an approved manner.

7. HANDLING AND STORAGE

Storage Temperature (Min/Max)

Room temperature.

Shelf Life

Stable

Special Sensitivity

None known

Handling And Storage Precautions

Store the material in a well ventilated secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Always wash thoroughly after handling.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Oral Protection

Prevent eating, drinking, tobacco usage and cosmetic requirements application in areas where there is a potential for exposure to the material. Wash thoroughly after handling

Eye Protection

To avoid eye contact, wear safety goggles

Skin Protection Requirement

To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants & head covering.

Respiratory/Ventilation

To avoid breathing dust, use adequate ventilation and wear a NIOSH-approved pesticide Respirator with a dust filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical Form</i>	Liquid
<i>Color</i>	Brown
<i>Flash Point</i>	> 67°C - No Fire Hazard
<i>Specific Gravity (@27⁰c)</i>	0.92
<i>Corrosion</i>	Nil
<i>Miscibility</i>	Miscible in water

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable
<i>Hazardous Polymerization</i>	Will not occur
<i>Incompatibilities</i>	Not compatible with highly alkaline substances
<i>Decomposition</i>	Easily biodegradable

11. TOXICOLOGICAL INFORMATION

<i>Acute oral toxicity (Rat)</i>	> 2000 mg/kg
<i>Acute inhalation toxicity (Rat)</i>	> 5.01 mg/L
<i>Acute dermal toxicity (Rat)</i>	> 2000 mg/kg
<i>Eye Contact (Rabbit)</i>	Non-irritant
<i>Skin Contact (Rabbit)</i>	Non-irritant

12. ECOLOGICAL INFORMATION

Totally biodegradable in nature
Do not apply on water bodies

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Do not reuse product containers, waste containers and residues. Dispose according to local, state, federal, health and environmental regulations

14. TRANSPORT INFORMATION

Shipping Name

Azarate

ADR/RID/IMDG/IATA

This product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

OSHA status

N/A

TSCA status

N/A

CERCLA reportable quantity

N/A

RCRA status

N/A

16. OTHER INFORMATION

N/A – Not applicable; *This product is for agricultural use only.*

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