



SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

1. IDENTIFICATION

PRODUCT NAME: Mazata
DESCRIPTION: Liquid growth regulator
EPA REG. NO.: 91234-175
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

CAUTION

May cause allergic skin reaction. (H317) Combustible liquid (H227)
Very toxic to aquatic life (H400)
Toxic to aquatic life with long lasting effects. (H411)



HAZARD CLASSIFICATION

| | |
|---|-----------------------|
| Health Hazards Sensitization-Skin | Category 1B |
| Physical Hazards Flammable Liquids | Category 4 |
| Environmental Hazards Hazardous to the aquatic environment - short term | Category 1 |
| Hazardous to the aquatic environment - long term | 2 |

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

PRECAUTIONARY STATEMENTS

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking (P210) Avoid breathing mist, vapors, spray. (P261)
Contaminated work clothing should not be allowed out of the workplace. (P272)
Wear protective gloves and clothing as described in Section 8. (P280)

IF ON SKIN: Wash with plenty of soap and water. If skin or rash occurs, get medical advice/attention. Specific treatment see section 4 First Aid measures. Take off contaminated clothing and wash it before reuse. (P302 +P352+P333+P313+P312+P362+P364)

Avoid release to the environment not in accordance with the product label. (P273)

Collect spillage. (P391)

Dispose of contents / container in accordance with local regulations. Refer to the product label for specific disposal instructions. (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Common Name | Chemical Name | CAS# | Composition |
|------------------|---|------------|-------------|
| Trinexapac-ethyl | 4,5-Dihydro-6-methyl-4-[(E)-(3-pyridinyl)methylene]amino]-1,2,4-triazin-3(2H)-one | 95266-40-3 | 25.5% |

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information. For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC: **1-800-424-9300**.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

5. FIREFIGHTING MEASURES

Flash Point: 172°F (78°C)

Fire and Explosion Hazards: Can release vapors that form explosive mixtures at temperatures at or above the flash point. Heavy vapors can flow along surfaces to distant ignition sources and flash back.

Extinguishing Medium: Use dry chemical, foam or CO₂ extinguishing media. If water is used to fight fire, dike and collect runoff.

Fire Fighting Equipment: Wear full protective clothing and self-contained breathing apparatus. Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Use appropriate extinguishing media for combustibles in the area. Evacuate nonessential 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. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

Hazardous Combustion Products: During a fire, irritating and possible toxic gases may be generated by thermal decomposition or combustion.

NFPA Ratings: Health – 2 / Flammability – 2 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

Environmental Precautions: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Spill Cleanup: Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet

Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

| Chemical Name | OSHA PEL | ACGIH | Other | Source |
|-------------------|-----------------|-----------------|--------------------------|----------------|
| Other ingredients | Not Applicable | Not Applicable | Not Applicable | Not Applicable |
| Trinexapac-ethyl | Not Established | Not Established | 10 mg/m ³ TWA | Atticus |

Engineering Controls: Use effective engineering controls to comply with occupational exposure limits (if applicable).

Protective Clothing: Applicators, and other handlers must wear long-sleeved shirt and long pants; chemical-resistant gloves such as barrier laminate or Viton[®], shoes plus socks, and protective eyewear.

General: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: transparent amber liquid

Odor: moderately sweet

Melting / Freezing point: not available

Boiling Point / Boiling Range: not available

Flammability: combustible

Flammability Limits (upper/lower): not available

Flashpoint: 172°F (78°C)

Auto-ignition Temperature: not available

Decomposition Temperature: not available

pH: 3-4 (1% sol.)

Kinematic Viscosity: 8.95 cP @ 25°C, 5.94 @ 39°C

Solubility (trinexapac-ethyl): 10.2 g/L @ 25°C

Partition coefficient: not available

Vapor pressure (trinexapac-ethyl): 1.6x10⁻⁵ mmHg @ 25°C

Density: 1.0 g/cm³ @ 25°C

Vapor Density: not available

Particle Characteristics: not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

CHEMICAL STABILITY: Stable under normal use and storage conditions

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: Will not occur.



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11. TOXICOLOGICAL INFORMATION

Information presented below is from testing done on an identical or substantially similar product:

ORAL TOXICITY (rat LD₅₀): > 5,000 mg/kg

DERMAL TOXICITY (rat LD₅₀): > 4,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 5.3 mg/L (4-hour)

EYE IRRITATION: Non-irritating (Rabbit)

SKIN IRRITATION: Non-irritating (Rabbit)

SKIN SENSITIZATION: Sensitizing (Guinea pig)

CARCINOGENICITY:

EPA: Not likely to be carcinogenic to humans (Trinexapac-Ethyl)

ACGIH: Not listed

IARC: Not listed

ITP: Not listed

OSHA: Not listed

CHRONIC/SUBCHRONIC TOXICITY: Trinexapac-Ethyl: Liver, kidney and brain (dogs) effects at high doses (>5000 ppm).

CARCINOGENICITY: Trinexapac-Ethyl: Slight increase in forestomach tumors in male rats at high doses (20000 mg/kg/day). Not applicable to humans.

TARGET ORGANS: Trinexapac-Ethyl: Liver, kidney, brain

12. ECOLOGICAL INFORMATION

The information presented here is for the active ingredient, trinexapac-ethyl. Low bioaccumulation potential. Not persistent in soil or water. Moderate mobility in soil. Sinks in water (after 24h).

Based on available acute exposure data, trinexapac-ethyl is classified as practically non-toxic to mammals and fish, moderately toxic to freshwater invertebrates and slightly toxic to estuarine/marine invertebrates.

The following information is for the active ingredients, Trinexapac-Ethyl:

AQUATIC TOXICITY

Rainbow trout (96h LC₅₀): 65.7 ppm

Green algae (5d EC₅₀): <1.4 ppm

Blue-green Algae (5-day EC₅₀): 0.35 mg/L

Mysid Shrimp (LC₅₀): 6.5 mg/L

Daphnia magna (48h EC₅₀): >142.5ppm

Fathead minnow (NOAEC): 0.41 mg/L

AVIAN TOXICITY

Mallard Duck (14d LD₅₀): > 2,000 mg/kg

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Containers ≤ 1.3 gal. (5 L) in strong outer packaging:

Not regulated

Containers > 1.3 gal. (5 L) and < 119 gal. (450 L) shipped "ground only":

Not regulated

Containers > 1.3 gal. (5 L) shipped all or in part by vessel:

UN Number: UN3082

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S. (trinexapac-ethyl)

Transport Hazard Class: 9

Packing Group: III

Hazard Zone: None

Marine Pollutant: Yes

Hazardous Substance RQ: None

Labels / Placards: Class 9 Environmentally Hazardous Substance

Emergency Guide: 171

Containers > 119 gal. (450 L) shipped "ground only":

UN Number: NA1993

Proper Shipping Name: Combustible liquid, N.O.S.

Transport Hazard Class: Comb liq

Packing Group: III

Hazard Zone: None

Marine Pollutant: No

Hazardous Substance RQ: None

Labels / Placards: Combustible liquid

Emergency Guide: 128

IMDG:

Containers ≤ 1.3 gal. (5 L) in strong outer packaging:

Not regulated

Containers > 1.3 gal. (5 L):

Shipped internationally by vessel: UN3082, Environmentally hazardous substance, liquid, N.O.S. (trinexapac-ethyl), 9, PG III

Marine Pollutant: Yes

IATA:

Containers ≤ 1.3 gal. (5 L) in strong outer packaging:

Not regulated

Containers > 1.3 gal. (5 L):

Shipped internationally by air: UN3082, Environmentally hazardous substance, liquid, N.O.S. (trinexapac-ethyl), 9, PG III

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.



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15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from treated areas. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. See the Spray Drift Management section for further instructions on avoiding drift

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Acute (Immediate), Fire

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients

None

CERCLA Reportable Quantity (RQ) –

Not listed

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the state of California to cause cancer or reproductive harm.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 1.0

Effective Date: 11/01/2019



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