

SAFETY DATA SHEET

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

1. IDENTIFICATION

PRODUCT NAME: Trignata WSP
DESCRIPTION: Insecticide
EPA REG. NO.: 91234-114
COMPANY IDENTIFICATION: Atticus, LLC
 940 NW Cary Parkway, Suite 200
 Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Causes serious eye irritation (H319)
 Causes skin irritation (H315)
 May be harmful if swallowed (H303)
 Toxic to aquatic life with long lasting effects (H411)



HAZARD CLASSIFICATION

Health Hazard	Category
Eye Irritation	2A
Skin Irritation	2
Acute Toxicity, Oral	5

Physical Hazards

None	-
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Environmental Hazards

Environmental Hazards	Category
Hazardous to the aquatic environment, long-term	2

HAZARDS NOT REQUIRING CLASSIFICATION

Avoid dust formation. Dust can form an explosive mixture with air.

PRECAUTIONARY STATEMENTS

Wash hands and skin thoroughly after handling. (P264)
 Wear eye protection and protective gloves as described in Section 8. (P280)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. (P305+P351+P338+P337+P313)
IF ON SKIN: Wash with plenty of water. Specific treatment see Section 4 of this document. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. (P302+P352+P321+P332+P313+P362+P364)
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell (P301+P312)
 Avoid release to the environment not in accordance with the product label. Collect spillage. (P273+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
Cyromazine	-	66215-27-8	75.0%

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.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation continues, call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If you do not feel well, call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazards: Dust can form an explosive mixture with air.

Extinguishing Medium: Water spray, foam, dry chemical, or carbon dioxide (CO₂).

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

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Use foam or dry chemical fire extinguishing systems to prevent environmental damage from excessive water runoff.

Hazardous Combustion Products: Smoke, fumes or vapors, and oxides of carbon.

NFPA Ratings: Health – 2 / Flammability – 1 / 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: Prevent material from entering public sewer systems, any waterways or low areas. Do not flush to drain or soil. Contain contaminated water.

Spill Cleanup: Carefully sweep, scoop or vacuum and place in suitable container. Avoid generating dust or accumulating dust. Avoid dust dispersal in the air (i.e. cleaning dust surfaces with compressed air). If possible, complete cleanup on a dry basis. Spilled material can be a slipping hazard. Eliminate flames, sparks, excessive temperatures and oxidizing agents. Non-sparking tools should be used.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

Storage: Store in a tightly closed container in a cool, dry place. Do not store this product under wet conditions. Handle outer container carefully to avoid breakage of water-soluble packets.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Explosion-proof general and local exhaust ventilation. Use explosion proof electrical equipment for very high dust levels. Ensure ventilation and dust-handling systems prevent the escape of dust into work areas and there is no leakage from equipment.

Protective Clothing: Applicators, and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistance gloves, and chemical resistant shoes plus socks.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: gray-tan powder

Odor: sweet, musty

Melting/freezing point: 435°F

Boiling point/Boiling range: not determined

Flammability: not determined

Flammability limits (upper/lower): not determined

Flash point: not determined

Auto-ignition temperature: not determined

Decomposition temperature: not determined

pH: 8-10 (1% aq)

Kinematic viscosity: not determined

Solubility: not determined

Partition coefficient: not determined

Vapor pressure: not determined

Density: 27.17 lbs/ft³

Relative vapor density: not determined

Particle characteristics: not available

Explosive Properties: Dust can form an explosive mixture with air

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid dust formation.

CHEMICAL STABILITY: Stable at normal temperatures and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion can form oxides of carbon and toxic and noxious fumes.

HAZARDOUS POLYMERIZATION: Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

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

ORAL TOXICITY (rat LD₅₀): 4,460 mg/kg

DERMAL TOXICITY (rat LD₅₀): > 2,010 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 2.5 mg/L (4-hour)

EYE IRRITATION: Irritating

SKIN IRRITATION: Irritating

SKIN SENSITIZATION: Not a skin sensitizer.

CARCINOGENICITY:

NTP: Not listed

IARC: Not listed

EPA: Group E – Evidence of noncarcinogenicity for humans

MUTAGENIC TOXICITY: Data suggest that cyromazine does not have genotoxic activity.

REPRODUCTIVE TOXICITY: There is not evidence of developmental toxicity following in utero exposures or that offspring are more susceptible following postnatal exposure.

REPRODUCTIVE TOXICITY/TERATOGENICITY: There is not evidence of developmental toxicity following in utero exposures or that offspring are more susceptible following postnatal exposure.

OTHER TOXICITY: None known.



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12. ECOLOGICAL INFORMATION

A metabolite of A148.01 Insecticide has been found in ground water, possibly as a result of agricultural use. Use of this product in areas where soils are permeable and water tables are shallow could result in leaching to ground water.

Cyromazine acts as a growth regulator, affecting the molting process of target pests, and therefore, may have an effect on bee larvae, but not on adult bees. Exposure to adult bees, either through overspray or contact with residues may lead to effects to bee larvae.

Cyromazine is practically non-toxic to freshwater fish and invertebrates and estuarine/marine mollusks on an acute exposure basis.

The following information is for the active ingredient, cyromazine:

AQUATIC TOXICITY

Fish (96-hr LC50): > 84 mg/L

Fish (NOAEC): 73 mg/L

Invertebrate (48-hr EC50): > 88.7 mg/L

Invertebrate (NOAEC): range < 0.131 mg/L to 0.31 mg/L

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. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

UN Number: UN3077

Proper Shipping Name: Environmentally hazardous substance, solid, N.O.S. (contains cyromazine)

Transport Hazard Class: 9

Packing Group: III

Hazard Zone: A

Marine Pollutant: Yes¹

Hazardous Substance RQ: None

Labels / Placards:

US-DOT: Class 9 Environmentally Hazardous Substance²

IMDG, IATA: Class 9 Environmentally Hazardous Substance³

Emergency Guide: 171 (NAERG – North American Emergency Response Guide)

¹**Marine Pollutant Note:** Ground-only shipments are excluded from Marine Pollutant labeling requirements as per 49CFR§172.101 Appendix B(4). For any shipments involving all or part of the transport by vessel, the shipment must be classified as a Marine Pollutant unless a limited quantity exemption applies (see note 3 below).

²**US-DOT Note:** Not regulated for “ground only” shipments.

³**IMDG / IATA Note:** Not regulated when shipped in single or inner packaging ≤ 11 lb (5 kg).

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.

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 swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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 wash water. Do not apply when weather conditions favor drift from target area.

Groundwater advisory:

A metabolite of A148.01 Insecticide has been found in ground water, possibly as a result of agricultural use. Use of this product in areas where soils are permeable and water tables are shallow could result in leaching to ground water. Irrigation could increase the risk of contamination.

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

Immediate

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 chemicals 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.



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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.

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