



SAFETY DATA SHEET

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

1. IDENTIFICATION

PRODUCT NAME: Synterra WSP
DESCRIPTION: Solid insecticide in water soluble packaging
EPA REG. NO.: 91234-125
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Causes eye irritation (H320)
Causes skin irritation (H315)
May be harmful if swallowed (H303)
Very toxic to aquatic life (H400)



HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Eye Irritation	2B	None	-
Skin Irritation	2		
Acute Toxicity, Oral	5	Environmental Hazards	Category
		Hazardous to the aquatic environment, acute (short-term)	1

HAZARDS NOT REQUIRING CLASSIFICATION

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

PRECAUTIONARY STATEMENTS

Wash hands and skin thoroughly after handling. Do not touch eyes. Wear eye protection and protective gloves as described in Section 8. (P264+P265+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 help. (P305+P351+P338+P337+P317)

IF ON SKIN: Wash with plenty of water. Specific treatment see Section 4 of this document. If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. (P302+P352+P321+P332+P313+P362+P364)

IF SWALLOWED: Get medical help. (P301+P317)

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	N-cyclopropyl-1,3,5-triazine-2,4,6-triamine	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. Do not give any liquid to the person. 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: Dry chemical, foam or carbon dioxide (CO₂). If water is used to fight fire, dike and collect runoff.

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

Fire Fighting Instructions: Evacuate all unnecessary personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion 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, drainage systems, any waterways or low areas. Do not flush to drain or soil. Contain contaminated water.

Spill Cleanup: Eliminate flames, sparks, excessive temperatures and oxidizing agents. Non-sparking tools should be used. Control the spill at its source. Clean up spills immediately. Carefully sweep, scoop or vacuum and place in a suitable container. Avoid generating dust or accumulating dust. Avoid dust dispersal in the air (i.e. cleaning dust surfaces with compressed air). 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 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 eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Storage: Store in a cool, dry place. Do not store this product under wet conditions. Handle container carefully to avoid breakage of inner soluble pouch.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

For commercial applications and/or on-farm applications consult the product label.

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: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of barrier laminate; butyl rubber ≥ 14 mils; nitrile rubber ≥ 14 mils; neoprene rubber ≥ 14 mils; polyethylene; polyvinylchloride [PVC] ≥ 14 mils; or Viton[®] ≥ 14 mils, chemical resistant footwear plus socks, and chemical resistant apron when cleaning equipment, mixing, or loading.

A particulate filter respirator may be necessary until effective engineering controls are installed to comply with occupational exposure limits. Use NIOSH certified respirator with any N, R, P or HE filter. Use a self-contained breathing apparatus in cases of emergency spills, when exposure levels are unknown, or under any circumstances where air-purifying respirators may not provide adequate protection.

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:	white powder
Odor:	mildly sweet
Melting/freezing point:	435°F
Boiling point/Boiling range:	not determined
Flammability:	combustible powder
Flammability limits (upper/lower):	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	8-9 (1% dispersion)
Kinematic viscosity:	not determined
Solubility:	8 g/l @ 77°F
Partition coefficient:	not determined
Vapor pressure:	1.3x10 ⁻⁹ mmHg @ 68°F
Density:	0.367 g/cm ³ (22.9 lbs/ft ³) at indoor ambient temperature
Relative vapor density:	not determined
Particle characteristics:	not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid dust formation.

CHEMICAL STABILITY: Stable at normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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: Mildly Irritating (rabbit)

SKIN IRRITATION: Moderately Irritating (rabbit)

SKIN SENSITIZATION: Not a skin sensitizer.

Information presented below is for the active ingredient cyromazine:

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/TERATOGENICITY: There is no evidence of developmental toxicity following *in utero* exposures or that offspring are more susceptible following postnatal exposure.

OTHER TOXICITY: None known.

12. ECOLOGICAL INFORMATION

The information presented here is for the active ingredient, cyromazine.

AQUATIC TOXICITY

Rainbow Trout (96-hour LC₅₀): >84 mg/L

Daphnia (48-hour LC₅₀): >88.7 mg/L

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

AVIAN TOXICITY

Bobwhite Quail (14-dayr LD50): 1,785 mg/kg

Environmental Toxicity:

Low bioaccumulation potential.

Not persistent in soil.

Stable in water.

Low to moderate mobility in soil.

Sinks in water after 24 hours.

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 container. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

Not regulated

IMDG:

Containers ≤ 11 lbs. (5 kg) in strong outer packaging:

Not regulated

Containers > 11 lbs. (5 kg):

Shipping Description: UN3077, Environmentally hazardous substance, solid, N.O.S. (cyromazine), 9, PG III, Marine Pollutant

IATA:

Shipping Description: UN3077, Environmentally hazardous substance, solid, N.O.S. (cyromazine), 9, PG III, Marine Pollutant

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, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

For terrestrial use: Do not apply directly to water, or 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 or rinsate. Do not apply when weather conditions favor drift from target area.

Groundwater advisory:

A degradate of cyromazine, the active ingredient in this product, is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

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 (Acute Toxicity), Fire (Combustible Dust)

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.

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: 1.2_US

Effective Date: 02/23/2022