



SAFETY DATA SHEET

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

1. IDENTIFICATION

PRODUCT NAME: Batallion 10 WSP
DESCRIPTION: Solid Insecticide/Miticide
EPA REG. NO.: 91234-117
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Harmful if swallowed (H302)
May be harmful in contact with skin (H313)
Causes eye irritation (H320)
Causes mild skin irritation (H316)
Suspected of causing cancer (H351)
May cause respiratory irritation (H335)
Very toxic to aquatic life with long lasting effects (H400+H410)



HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Acute toxicity, oral	4	None	--
Acute toxicity, dermal	5		
Serious eye damage/eye irritation	2B	Environmental Hazards	Category
Skin corrosion/irritation	3	Hazardous to the Aquatic Environment –	
Specific target organ tox., repeated exposure	3	Chronic (long-term)	1
Carcinogenicity	2	Hazardous to the Aquatic Environment –	
		Acute (short-term)	1

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow contact with oxidizing agents, as a hazardous chemical reaction may occur.

PRECAUTIONARY STATEMENTS

Do not handle until all safety precautions have been read and understood. (P202)

Avoid breath dust/mist/spray. Use only outdoors or in a well-ventilated area. (P261+P271)

Wear protective clothing as specified in Section 8 of this document. (P280)

Wash hands and skin thoroughly after handling. (P264)

Do not eat, drink or smoke when using this product. (P270)

IF ON SKIN: Call a POISON CENTER / doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention (P302+P312+P332+O313)

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 SWALLOWED: Call a POISON CENTER / doctor if you feel unwell. Rinse mouth. (P301+P312+P330)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER / doctor if you feel unwell.

(P304+P340+P312)

IF exposed or concerned: Get medical advice/attention. (P308+P313)

Store locked up. (P405)

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

Collect spillage. (P391)

Dispose of contents / container using instructions in the product label and in accordance with local / Federal regulations. (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Bifenthrin	(2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate	82657-04-3	10.0%
Silica gel	Silicon dioxide	112926-00-8	≤ 2.5%

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 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.

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. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice if you feel unwell.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have 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

Flash Point: Not flammable

Fire and Explosion Hazards: None known.

Extinguishing Medium: Water spray, foam, dry chemical, or carbon dioxide (CO₂). Avoid high volume water jet to prevent environmental damage from excessive water runoff.

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: Oxides of carbon, hydrogen chloride and hydrogen fluoride.

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 any waterways or low areas. Do not flush to drain or soil. Contain contaminated water. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Spill Cleanup: Clean up spill immediately, observing precautions in Section 8. Prevent further leakage or spillage if safe to do so. Sweep up and shovel into suitable containers for disposal. Take precautionary measures against static discharges. Prevent material from entering sewers, waterways, or low areas. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes or clothing. 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 original containers only. Store in a cool dry place and avoid excess heat. Do not store at temperatures below 32°F (0°C). Rough handling may cause breakage, especially at low temperatures. Allow to warm above 50°F (10°C) before use. Do not allow inner bags to become wet during storage. Do not handle inner bag with wet hands or wet gloves. Do not put concentrate or diluted material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Ensure adequate ventilation.

Protective Clothing: Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, and waterproof gloves. Mixers and loaders must also wear protective eyewear.

General: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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: off-white powder

Odor: mildly bittersweet

Melting/freezing point: 8.67°C / 48°F

Boiling point/Boiling range: not available

Flammability: not available

Flammability limits (upper/lower): not available

Flash point: not available

Flame Projection/Extension: not available

Auto-ignition temperature: not available

Decomposition temperature: not available

pH: 5.5-8.0 (1% dispersion)

Kinematic viscosity: not available

Solubility: not available

Partition coefficient: not available

Vapor pressure: not available

Density: 0.28 - 0.45 g/mL

Relative vapor density: not available

Particle characteristics: not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, flames, and sparks.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Not available

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, hydrogen chloride and hydrogen fluoride.

HAZARDOUS 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): 550 mg/kg

DERMAL TOXICITY (rabbit LD₅₀): > 2,000 mg/kg

INHALATION TOXICITY (rat LC₅₀): > 5.869 mg/L

EYE IRRITATION: Contact with eyes may cause irritation

SKIN IRRITATION: Slightly irritating

SKIN SENSITIZATION: Not a contact sensitizer

CARCINOGENICITY:

NTP: Not listed

IARC: Group 3 – Unclassifiable as to carcinogenicity in humans (silica gel)

EPA: Group C – Possible human carcinogen (bifenthrin)

MUTAGENIC TOXICITY: Animal Testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

REPRODUCTIVE TOXICITY / TERATOGENICITY: The active ingredient (bifenthrin) causes developmental effects in animals at high, maternally toxic doses.

OTHER TOXICITY: May cause irritation of the respiratory tract.

12. ECOLOGICAL INFORMATION

This pesticide is extremely toxic to fish and aquatic invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

The following information is for the active ingredient, Bifenthrin:

Rainbow trout: (96h LC₅₀): 0.15 µg/L

Daphnia: (48h EC₅₀): 1.6 µg/L (NOAEC): 0.0013 µg/L

Shrimp: (96h LC₅₀): 0.004 µg/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. Do not reuse or refill this container. See container labeling for complete disposal instructions.

14. TRANSPORT INFORMATION

US-DOT:

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

Not regulated

Containers > 11 lbs. (5 kg) shipped "ground only":

Not regulated

Containers > 11 lbs. (5 kg) shipped all or in part by vessel:

Shipping Description: UN3077, Environmentally hazardous substance, solid, N.O.S. (contains bifenthrin), 9, PG III, Marine Pollutant 171

Emergency Guide: 171

IMDG:

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

Not regulated

Containers > 11 lbs. (5 kg):

Shipped internationally by vessel: UN3077, Environmentally hazardous substance, solid, N.O.S. (contains bifenthrin), 9, PG III, Marine Pollutant

IATA:

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

Not regulated

Containers > 11 lbs. (5 kg):

Shipped internationally by air: UN3077, Environmentally hazardous substance, solid, N.O.S. (contains bifenthrin), 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.

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. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

See inside label booklet for additional precautionary statements.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents, as a 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
Immediate (Acute), Delayed (Chronic)

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
Bifenthrin (CAS No. 82657-04-3) (10.0%)

CERCLA Reportable Quantity (RQ) -
None

CALIFORNIA PROP 65 STATUS -

This product does not contain any chemical known to the State of California to cause cancer or other 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: 1.1

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Manufactured for:
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