



SAFETY DATA SHEET

EMERGENCY CALL: 1-844-685-9173 (SafetyCall)

1. IDENTIFICATION

PRODUCT NAME: Slant EC
DESCRIPTION: A liquid fungicide
EPA REG. NO.: 91234-221
COMPANY IDENTIFICATION: Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

2. HAZARD IDENTIFICATION

WARNING

Harmful if swallowed (H302)
Causes eye irritation (H320)
Causes mild skin irritation (H316)
Combustible liquid (H227)
Very toxic to aquatic life (H400)



HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Acute Toxicity, oral	4	Flammable liquid	4
Eye Damage/Irritation	2B		
Skin Corrosion/Irritation	3	Environmental Hazards	Category
		Hazardous to the Aquatic Environment - Acute (short-term)	1

HAZARDS NOT REQUIRING CLASSIFICATION

Do not mix or allow coming in contact with oxidizing agent or fire retardants. Hazardous chemical reactions may occur.

PRECAUTIONARY STATEMENTS

Keep away from heat, hot surface, sparks, open flames and other ingredients sources. No smoking. Wear protective gloves/protective clothing/eye protection. (P210+P280)

Wash hands and exposed skin thoroughly after handling. Do not eat drink or smoke when using this product. (P264+P270)

IF SWALLOWED: Call a Poison Control Center or doctor if you feel unwell. Rinse mouth. (P301+ P312+ P330)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+ P351+ P338)

If skin irritation occurs: Get medical advice or attention. Refer to Section 4 for additional medical information. (P332+ P313)

Avoid release to the environment not in accordance with the product label. Collect spillage (P273+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
Propiconazole	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1,2,4-triazole	60207-90-1	41.8%
Heavy aromatic solvent naphtha (petroleum)	Solvent naphtha (petroleum), heavy arom.	64742-94-5	43-47%
Propylene glycol	1,2-Propanediol	57-55-6	2-4%
Inert ingredients	Trade Secret	Trade Secret	N/A

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. For emergency medical assistance, call SafetyCall: 1-844-685-9173.

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

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.

IF ON SKIN OR CLOTHING: If skin irritation occurs: Get medical advice/attention.

5. FIREFIGHTING MEASURES

Flash Point: 70.0°C (158.0°F)

Fire and Explosion Hazards: Product is flammable. Combustion may release carbon dioxide, nitrogen oxides, and/or chlorine compounds. Not likely to form an explosive mix at normal temperatures.

Extinguishing Medium: Carbon dioxide, dry chemical, foam, water fog.

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

5. FIREFIGHTING MEASURES (continued)

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. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

NFPA Ratings: Health – 1 / Flammability – 2 / Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective equipment to prevent skin and eyes being affected. Evacuate unprotected and unnecessary personnel from area of spill. If material is leaking from a container, stop the leak only if this can be done safely.

Environmental Precautions: Prevent spillage from entering drains or watercourse.

Spill Cleanup: Vermiculite, sand, and soil are all suitable absorbents, especially soils high in clay. Soil can be used to form bonds to contain spillage. Contaminated soil should be collected for disposal at a suitable landfill.

7. HANDLING AND STORAGE

Handling: Do not get in eyes or on 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 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

Engineering Controls: Use assisted ventilation in enclosed spaces if needed, especially storage areas. Facilities should be equipped with an eyewash station and a safety shower.

Protective Clothing: Wear protective eyewear, long sleeved shirt and long pants, chemical-resistant gloves (such as barrier laminate or viton), and 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	light amber liquid
Odor:	moderately bitter
Melting/freezing point:	not determined
Boiling point/Boiling range:	not determined
Flammability:	not determined
Flammability limits (upper/lower):	not determined
Flash point:	70.0°C (158.0°F)
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	5.27 (1% dispersion)

Capillary viscosity:	10.3 cP @ 25°C 6.03 cP @ 39°C
Solubility:	not determined
Partition coefficient:	not determined
Vapor pressure:	not determined
Hydrometer Density:	1.060 g/cm ³ (8.85 lbs./gal) @ 25°C 1.035 g/cm ³ (8.64 lbs./gal) @ 39°C
Relative vapor density:	not determined
Particle characteristics:	not determined

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: All sources of ignition: heat, sparks, open flame. Store in a cool place, out of direct sunlight.

CHEMICAL STABILITY: Stable under normal use ambient conditions
INCOMPATIBILITY WITH OTHER MATERIALS: Moisture, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may release carbon dioxide, nitrogen oxides, and/or chlorine compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

The information presented below is based on substantially similar product:

ORAL TOXICITY (rat LD₅₀): 2,000 mg/kg

DERMAL TOXICITY (LD₅₀): Information not available

INHALATION TOXICITY (LC₅₀): Information not available

EYE IRRITATION: Undiluted product will cause irritation. Effects may last for some time.

SKIN IRRITATION: Undiluted product may cause irritation. Repeat contact may cause dermatitis due to removal of fats.

SKIN SENSITIZATION: Information not available

CARCINOGENICITY:

EPA: Not Listed

ACGIH: Not Listed **NTP:** Not Listed

IARC: Not Listed **OSHA:** Not Listed

MUTAGENIC TOXICITY: No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

REPRODUCTIVE TOXICITY: No evidence of reproductive toxicity has been demonstrated.

12. ECOLOGICAL INFORMATION

This pesticide is toxic to fish and shrimp.

The following information is for the active ingredient, Propiconazole:

AQUATIC TOXICITY

Rainbow Trout (96-hour LC₅₀): 4.3-5.3 mg/L

Bluegill (96-hour LC₅₀): 6.4 mg/L

Daphnia (48-hour EC₅₀): 10.2 mg/L

Algae (EC₅₀): 0.76 mg/L

AVIAN TOXICITY

Bobwhite Quail (LD₅₀): 2825 mg/kg

Mallard Duck (LD₅₀): > 5620 mg/kg

OTHER TOXICITY

Not toxic to bees.

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 ≤ 119 gal. (450 L): Not regulated

Containers > 119 gal. (450 L):

Shipping Description: NA1993, Combustible liquid, N.O.S. (solvent naphtha (petroleum), heavy aromatic), PG III

Marine Pollutant: No (not for ground shipments)

Emergency Guide: 128

IMDG:

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

Not regulated

Containers > 1.3 gal. (5 L) or containers not in strong outer packaging:

Shipped internationally by vessel: UN3082, Environmentally hazardous substance, liquid, N.O.S. (contains propiconazole), 9, PG III, Marine Pollutant

IATA:

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

Not regulated

Containers > 1.3 gal. (5 L) or containers not in strong outer packaging:

Shipments by air: UN3082, Environmentally hazardous substance, liquid, N.O.S. (contains propiconazole), 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

WARNING Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and shrimp. 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 cleaning equipment or disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not mix or allow coming in contact with oxidizing agent or fire retardants. Hazardous chemical reactions 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), 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

Propiconazole (CAS No. 60207-90-1): 41.8%

CERCLA Reportable Quantity (RQ) –

None

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 indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

SDS Version: 1.0

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