

## SAFETY DATA SHEET

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

### 1. IDENTIFICATION

**PRODUCT NAME:** Acadia LFC  
**DESCRIPTION:** A liquid fungicide  
**EPA REG. NO.:** 91234-248  
**COMPANY IDENTIFICATION:** Atticus, LLC  
 940 NW Cary Parkway, Suite 200  
 Cary, NC 27513

### 2. HAZARD IDENTIFICATION

#### WARNING

Causes eye irritation (H320)

Harmful if inhaled (H332)

Very toxic aquatic life with long lasting effects (H400+H410)



#### HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Serious eye damage/irritation	2B	None	-
Acute toxicity, inhalation	4		

Environmental Hazards	Category
Hazardous to the aquatic environment, acute	1
Hazardous to the aquatic environment, chronic	1

#### HAZARDS NOT REQUIRING CLASSIFICATION

None

#### PRECAUTIONARY STATEMENTS

Avoid breathing mist/vapors/spray. Wash hands and exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. (P261+P264+P271)

**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 INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center of doctor if you feel unwell. (P304+P340+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
Azoxystrobin	methyl (E)-2-[[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-α-(methoxymethylene)benzeneacetate	131860-33-8	17-19%

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

### 5. FIREFIGHTING MEASURES

**Flash Point:** Not determined

**Flammability Limits:** Not determined

**Fire and Explosion Hazards:** May produce toxic and irritating vapors.

**Extinguishing Medium:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

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

**Hazardous Combustion Products:** Not determined

**NFPA Ratings:** Health – 1 / Flammability – 1 / Reactivity – 1

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear respiratory protection. Wear protective gloves/protective clothing. Do not breathe mist/spray. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental Precautions:** Do not let product enter drains. Discharge into the environment must be avoided.

**Spill Cleanup:** Absorb using inert materials and dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

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

**Storage:** Store in original containers only. Keep container closed when not in use. Store in a cool, dry place, and do not expose to heat. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** This product is intended to be used outdoors. If necessary, provide local exhaust ventilation and use appropriate containment procedures to maintain airborne levels at a safe concentration.

**Protective Clothing:** Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber; 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

<b>Appearance:</b>	pale beige liquid
<b>Odor:</b>	moderate unsaturated
<b>Melting/freezing point:</b>	not determined
<b>Boiling point/Boiling range:</b>	not determined
<b>Flammability:</b>	not determined
<b>Flammability limits (upper/lower):</b>	not determined
<b>Flash point:</b>	not determined
<b>Auto-ignition temperature:</b>	not determined
<b>Decomposition temperature:</b>	not determined
<b>pH:</b>	6-8
<b>Viscosity:</b>	Non-Newtonian
<b>Solubility:</b>	not determined
<b>Partition coefficient:</b>	not determined
<b>Vapor pressure:</b>	not determined
<b>Density:</b>	1.06-1.12 g/cc
<b>Relative vapor density:</b>	not determined
<b>Particle characteristics:</b>	not determined

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** High temperatures.

**CHEMICAL STABILITY:** Stable at normal use and storage conditions.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available. In the event of a fire, see section 5.

**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 LD<sub>50</sub>):** >2,000 mg/kg (calculated)

**DERMAL TOXICITY (rabbit LD<sub>50</sub>):** >2,000 mg/kg (calculated)

**INHALATION TOXICITY (rat LC<sub>50</sub>):** >2.12 mg/L (4-hour) (calculated)

**EYE IRRITATION:** Slightly irritating

**SKIN IRRITATION:** No irritation observed

**SKIN SENSITIZATION:** Not a sensitizer (Guinea pig)

**Information presented below is for the active ingredient azoxystrobin: CARCINOGENICITY:**

**EPA:** Not likely to be carcinogenic to humans

**NTP:** Not listed

**IARC:** Not listed

**STOT – SINGLE EXPOSURE TOXICITY:** No data available.

**ACUTE EXPOSURE TOXICITY:** May cause respiratory tract pain and irritation, eye pain, skin redness, headache, and dizziness.

## 12. ECOLOGICAL INFORMATION

While no additional ecotoxicity effects have been determined for this mixture. It is recommended that this material be treated as hazardous material and precautions be taken to ensure this material is not released into the environment.

**The following information is from the active ingredient, azoxystrobin:**

### AQUATIC TOXICITY

Fish (96-hour LC<sub>50</sub>): 0.47 mg/L; Fish (Chronic 30-day NOEC): 0.147 mg/L

Daphnia (48-hour EC<sub>50</sub>): 0.23 mg/L

Aquatic Crustaceans (Acute EC<sub>50</sub>): 0.055 mg/L

Algae (72-hour EC<sub>50</sub>): 0.36 mg/L

### AVIAN TOXICITY

Birds (Acute LD<sub>50</sub>): >2,000 mg/kg

Birds (Dietary LD<sub>50</sub>): >1,179 mg/kg

### TERRESTRIAL INVERTEBRATE TOXICITY

Honeybee (48-hour LD<sub>50</sub>): > 25 µg/bee

## 13. DISPOSAL CONSIDERATIONS

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Federal Law. If these wastes cannot be disposed by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Non-refillable and refillable containers. See container labeling for complete disposal instructions.

## 14. TRANSPORT INFORMATION

### US-DOT:

Not regulated

### IMDG:

#### Containers ≤ 1.3 gal. (5 L) in strong out 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 azoxystrobin), 9, PG III, Marine Pollutant

### IATA:

#### Containers ≤ 1.3 gal. (5 L) in strong out 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 azoxystrobin), 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.** Harmful if swallowed. Causes moderate eye irritation. 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.

##### ENVIRONMENTAL HAZARDS

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can persist for several months or longer.

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)

### 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

Not listed

### 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 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.

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SDS Version: 1.0

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