

## SAFETY DATA SHEET

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

### 1. IDENTIFICATION

**PRODUCT NAME:** Artavia Xcel G  
**DESCRIPTION:** Solid fungicide  
**EPA REG. NO.:** 91234-122  
**COMPANY IDENTIFICATION:** Atticus, LLC  
 5000 CentreGreen Way, Suite 100  
 Cary, NC 27513

### 2. HAZARD IDENTIFICATION

#### DANGER

May cause cancer (H350)  
 Causes damage to organs through prolonged or repeated exposure (H372)  
 Causes mild skin irritation (H316)  
 Causes eye irritation (H320)  
 May cause respiratory irritation (H335)



#### HAZARD CLASSIFICATION

Health Hazards	Category	Physical Hazards	Category
Carcinogenicity	1A	None	-
Specific Target Organ Toxicity - Repeated	1	<b>Environmental Hazards</b>	<b>Category</b>
Eye Damage / Irritation	2B	Hazardous to the Aquatic Environment - Acute (short-term)	1
Skin Irritation	3		
Specific Target Organ Toxicity - Respiratory	3		

#### HAZARDS NOT REQUIRING CLASSIFICATION

May form combustible dust concentrations in air.

#### PRECAUTIONARY STATEMENTS

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. (P202+P270)

Use only outdoors or in a well-ventilated area. (P271)

Do not breathe dust. (P260)

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

Wash hands and exposed skin thoroughly after handling. (P264)

**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 or attention (P305+P351+P338+P337+P313)

**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 skin irritation or rash occurs:** Get medical advice/attention. (P332+P313)

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

Avoid release to the environment in a manner not in accordance with the product label. Collect spillage. (P273+P391)

Store locked up. (P405)

Dispose of contents / containers in accordance with local, State and Federal regulations. Refer to the product label for specific disposal instructions. (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]-1H-1,2,4-triazole	60207-90-1	0.75%
Azoxystrobin	Methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate	131860-33-8	0.31%
Wood Dust	Wood Dust	--	Trade Secret
Dolomitic Limestone	Magnesite	546-93-0	Trade Secret
Other Ingredients		Trade Secret	< 98.94%

**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 when going for treatment. You may also contact SafetyCall 1-844-685-9173 24-hours a day for emergency medical treatment information. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)).

**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 ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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.

## 5. FIREFIGHTING MEASURES

**Fire and Explosion Hazards:** During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Medium:** Foam, dry chemical, or carbon dioxide (CO<sub>2</sub>). Avoid high volume water jet (contamination risk). 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 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:** No data available.

**NFPA Ratings:** Health – 1 / 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. Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Sweep up material and place into compatible disposal container. 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 disposal 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 skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Storage:** Store in cool, dry, secure place. Do not store near seeds, fertilizers, or foodstuffs.

## 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:** 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; 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	brown solid
<b>Odor:</b>	aromatic
<b>Melting / Freezing point:</b>	no data available
<b>Boiling Point / Boiling Range:</b>	no data available
<b>Flammability:</b>	no data available
<b>Flammability Limits (upper/lower):</b>	no data available
<b>Flash Point:</b>	no data available
<b>Auto-ignition Temperature:</b>	no data available
<b>Decomposition Temperature:</b>	no data available
<b>pH:</b>	6.6 @ 77°F
<b>Kinematic Viscosity:</b>	no data available
<b>Solubility (Azoxystrobin):</b>	6.0 mg/L (in water)
<b>Solubility (Propiconazole):</b>	0.1 g/L (in water)
<b>Partition coefficient:</b>	no data available
<b>Vapor Pressure for-</b>	
	Azoxystrobin: 8.25x10 <sup>(-13)</sup> mmHg
	Propiconazole: 4.2x10 <sup>(-7)</sup> mmHg
<b>Relative Density:</b>	0.81-0.83 g/ml
<b>Vapor Density:</b>	no data available
<b>Particle Characteristics:</b>	no data available

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** None known.

**CHEMICAL STABILITY:** Stable at normal temperatures 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 LD<sub>50</sub>):** >5,000 mg/kg

**DERMAL TOXICITY (rat LD<sub>50</sub>):** > 5,000 mg/kg

**INHALATION TOXICITY (rat LC<sub>50</sub>):** no data available

**EYE IRRITATION:** Rabbit - Mildly irritating

**SKIN IRRITATION:** Rabbit - Slightly irritating

**SKIN SENSITIZATION:** Guinea Pig - Not a sensitizer

**CARCINOGENICITY:**

**NTP:** Not listed

**IARC:** Wood Dust (IARC Group 1)

**EPA:** Not listed

**MUTAGENIC TOXICITY:** Animal testing did not show any mutagenic effects for the active ingredients.

**REPRODUCTIVE TOXICITY:** Animal testing did not show any fertility or reproductive effects for the active ingredients.

**TERATOGENICITY:** Evidence suggests the active ingredients are not a developmental toxin in animals.

**OTHER TOXICITY:**

## 12. ECOLOGICAL INFORMATION

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin is known to leach through soil to ground water under certain conditions as a result of label use.

### The following information is for the active ingredient, azoxystrobin:

Low bioaccumulation potential. Not persistent in soil. Stable in water. Moderate mobility in soil. Sinks in water (after 24 h).

Rainbow Trout: (96h LC<sub>50</sub>): 0.470 ppm

Water Flea: (48h EC<sub>50</sub>): 0.259 ppm

Green Algae (120h EC<sub>50</sub>): 0.106 ppm

Mallard Duck (14d LD<sub>50</sub>): >250 mg/kg

### The following information is for the active ingredient, propiconazole:

Low bioaccumulation potential. Not persistent in soil. Stable in water. Low mobility in soil. Sinks in water (after 24 h).

Rainbow Trout: (96h LC<sub>50</sub>): 0.83 ppm

Water Flea: (48h EC<sub>50</sub>): 3.20 ppm

Green Algae (9d EC<sub>50</sub>): 0.72 ppm

Mallard Duck (14d LD<sub>50</sub>): 2510 mg/kg

## 13. DISPOSAL CONSIDERATIONS

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by 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 Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. See container labeling for complete disposal instructions. Do not transport if this container is damaged or leaking.

## 14. TRANSPORT INFORMATION

<b>UN Number:</b>	UN3077
<b>Proper Shipping Name:</b>	Environmentally hazardous substance, solid, N.O.S. (contains azoxystrobin)
<b>Transport Hazard Class:</b>	9
<b>Packing Group:</b>	III
<b>Hazard Zone:</b>	A
<b>Marine Pollutant:</b>	Yes <sup>1</sup>
<b>Hazardous Substance RQ:</b>	None
<b>Labels / Placards:</b>	US-DOT: Class 9 Environmentally Hazardous Substance <sup>2</sup> IMDG, IATA: Class 9 Environmentally Hazardous Substance <sup>3</sup>
<b>Emergency Guide:</b>	171 (NAERG – North American Emergency Response Guide)
<b><sup>1</sup> Marine Pollutant Note:</b>	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).
<b><sup>2</sup> US-DOT Note:</b>	Not regulated for “ground only” shipments.
<b><sup>3</sup> IMDG / IATA Note:</b>	Not regulated when shipped in single or inner packaging ≤ 11 lbs. (5 kg) in strong outer packaging.

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. Harmful if absorbed through skin. Harmful if inhaled. 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

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin is known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

This product is toxic to freshwater, estuarine/marine fish and aquatic invertebrates.

### SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

### SARA Title III – Section 311/312 Hazard Categories

Immediate, Delayed

### 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 0.75% (CAS No. 60207-90-1)

### CERCLA Reportable Quantity (RQ) –

None

### CALIFORNIA PROP 65 STATUS –

 **WARNING:** This product can expose you to wood dust, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 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: 1.0 Effective

Date: 06/13/2019



Manufactured for:  
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