

SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: PacRite® Azoxy 250 SC **EPA Reg #** 42750-261-64864
Product Code: 10517
Product Use: Fungicide
Chemical Name: Azoxystrobin
Supplier: Pace International, LLC
Address: 5661 Branch Road, Wapato, WA 98951
Phone Number: 800-936-6750 (Monday-Friday, 7:00 a.m. – 4:00 p.m.)
Medical Emergency Phone Number: 888-271-4649 (PROSAR)
Transportation Emergency Phone Number: 800-424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

Classification:
Acute Oral, Category 4
Short Term Aquatic Toxicity, Category 1
Hazard Symbols:



Hazard Statements:
WARNING
H302 Harmful if swallowed.
H400 Very toxic to aquatic life.

Precautionary Statements:
Prevention Statements:
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
Response Statements:
P301/312/330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P391 Collect spillage.
Storage Statements:
Disposal Statements:
P501 Dispose of contents/container should be made in accordance with applicable regional, national and local laws and regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>Concentration (w/w %)</u>
Azoxystrobin	131860-33-8	22.9 %
Proprietary food grade ingredients		77.1%

4. FIRST AID MEASURES

General Have the product container, label or Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.
Advice:
If on Skin: Take off contaminated clothing. Wash skin with plenty of soap and water 15-20 minutes. If redness, burning, or irritation persists, get medical advice/attention. Wash contaminated clothing before reuse.
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. Get medical advice/attention.
If Swallowed: Call a poison control center or doctor 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 Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible.
Notes to physician: No specific antidote. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Not flammable. Use water mist, foam, dry chemical, or carbon dioxide (CO2). Do not use water spray jet except for cooling closed containers.
Special Exposure Hazards:	Heating can release irritating and toxic gases.
Special Protective Equipment / Procedures for Firefighters:	Wear self-contained breathing equipment and fire resistant personal protective equipment. Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Dike and collect water used to fight fire to prevent environmental damage due to run off. Inert material such as sand and vermiculite can be used to absorb material and water and place in an appropriate container for disposal.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Evacuate personnel to safe areas upwind from spill. Keep away from open flames, hot surfaces and sources of ignition. The use of local ventilation is recommended to control exposure to vapors.
Environmental Precautions:	In case of spill isolate area and deny entry to unnecessary personnel. Do not allow product to enter sewers, lakes, streams or other bodies of water.
Containment / Clean-Up Methods:	Stop spill at the source. Construct temporary dikes of dirt, sand, or other appropriate material to prevent spreading of the material. Absorb with an inert material such as sand or vermiculite and place in an appropriate labeled container for disposal.

7. HANDLING & STORAGE

Handling:	Use only in well-ventilated area. Wear proper safety equipment specified in Section 8. Rinse gloves and remove protective equipment, and wash hands thoroughly with soap and water after handling or working with the product. Do not eat, drink, smoke, or use toilet when using this product. Wash contaminated clothing before re-use.
Storage:	Store in original container in a well-ventilated, cool, dry, secure area away from children, animals, food and feed. Protect from heat, sparks and flame. Do not expose sealed containers above 40°C. Do not store for prolonged periods in direct sunlight. Keep separate from other products to prevent cross contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	Azoxystrobin CAS No. 131860-33-8 No exposure standard has been established.
Engineering Controls:	Local exhaust ventilation maybe necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. Keep containers tightly closed when not in use.
Personal Protective Equipment :	Clothing: Wear protective clothing, long sleeved shirt and pants, shoes, socks and chemical resistant gloves. Eye Protection: Wear safety glasses or face protection. Eye fountain and washing facilities should be present at work area. Respiratory Protection: Not normally required under normal treatment at room temperature. Use effective engineering controls to comply with unknown occupational exposure limits. In case of emergency spills, use a NIOSH approved respirator with any N, R, P, or HE filter.



9. PHYSICAL & CHEMICAL PROPERTIES

Physical:	Liquid	Upper/Lower flammability limits:	Not applicable
Appearance:	Pure white liquid	Vapor pressure:	1.1 x 10 ⁻⁷ mPa (20°C) (Azoxystrobin)
Odor:	Odorless	Vapor density: (air =1)	Not applicable
Odor threshold:	Not available	Specific Gravity: (H₂O = 1)	1.05 1.09 g/ml (8.76 - 9.10 lb/gal)*
pH:	6.3 – 7.3	Solubility:	Emulsifies
Melting/Freezing point:	Not applicable	Partition coefficient (n-octanol-water):	log Pow: 2.5 (25°C) (Azoxystrobin)
Boiling point:	97.5°C	Auto-ignition temperature:	No data
Flash point:	>97.5°C	Decomposition temperature:	No data
Evaporation rate:	No data	Viscosity:	56.28 mm ² /s (20°C), 31.82 mm ² /s (40°C)
Flammability (solid, gas):	Not flammable		

- Listed density is an approximate value and does not necessarily represent that of a specific batch.

10. STABILITY & REACTIVITY

Reactivity hazards:	None known
Chemical stability:	Stable under recommended storage conditions, may decompose if heated.
Conditions to avoid:	Avoid temperatures above (115°F, 46°C) and high moisture.
Incompatible materials:	Acidic and oxidizing materials.
Hazardous decomposition products:	Oxides of nitrogen and carbon.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Acute Oral: LD ₅₀ :> 5000 mg/kg Acute Dermal: LD ₅₀ : > 4000 mg/kg Inhalation: LC ₅₀ : > 4.0 mg/L	Based on Ingredients
Skin corrosion/irritation:	Slightly irritating.	
Eye damage/irritation:	Mildly irritating.	
Respiratory/Skin sensitization:	No evidence of sensitization.	
Germ cell mutagenicity:	Weight of evidence indicates the Azoxystrobin in non-mutagenic.	
Carcinogenicity:	No carcinogenic effects are expected due to product being comprised of FDA-approved food-grade ingredients.	
Reproductive toxicity:	Development effects only seen at maternally toxic doses.	
Target organ effects:	No known target organ effects.	
Aspiration hazard:	Material does not present an aspiration hazard.	
Potential health effects:	May cause slight irritation on skin and mild eye irritation.	

12. ECOLOGICAL INFORMATION

Toxicity:	Fish (Rainbow Trout) 96-hour LC ₅₀ (technical) 0.47 ppm Fish (Bluegill) 96-hour LC ₅₀ (technical) 1.10 ppm Birds (Bobwhite quail) Dietary LD ₅₀ (technical) >5,200 ppm Birds (Mallard Duck) Dietary LD ₅₀ (technical) >5,200 ppm Bee (technical) >200 ug/bee
Persistence/ degradability:	Azoxystrobin degrades rapidly in soil due to photolysis with a half-life of less than 30 days. Azoxystrobin is moderately mobile in soil.
Bioaccumulative potential:	Medium potential for bioaccumulation.
Mobility in soil:	Azoxystrobin and a degradate of Azoxystrobin are 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.
Other adverse effects:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Do not discharge into sewers, lakes, streams, or other bodies of water.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: For containers ≤5 gallons in size. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

14. TRANSPORT INFORMATION

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
UN number:	Not Regulated	UN3082	UN3082
Proper shipping name:		Environmentally Hazardous Substance, Liquid, N.O.S. (Contains 22.9% Azoxystrobin)	Environmentally Hazardous Substance, Liquid, N.O.S. (Contains 22.9% Azoxystrobin)
Hazard class(es):		9	9
Packing group:		III	III
Special precautions:			

15. REGULATORY INFORMATION

SARA 311/312:	Acute Health
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
California Prop 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
TSCA:	This product is exempted from TSCA because it is solely for FIFRA regulated use.
The components of this product are reported in the following inventories:	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. Following is the hazard information as required on the pesticide label: : WARNING : Harmful if swallowed. : Very toxic to aquatic life.

16. OTHER INFORMATION

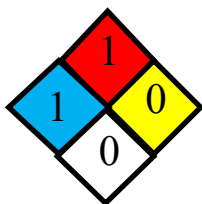
HMIS Ratings:

Health – 1

Flammability – 1

Reactivity – 0

NFPA Ratings:



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This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABEL (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 as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). The product label provides information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of FIFRA through the product label. All necessary hazard classification and appropriate precautionary use, storage, and disposal information is set forth on that label or labeling accompanying the pesticide or to which reference is made on the label. It is a violation of federal law to use an EPA-registered pesticide product in any manner inconsistent with its labeling.

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