

MATERIAL SAFETY DATA SHEET

AGRI-FOS® SYSTEMIC FUNGICIDE

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Issue Date: 12/04

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

AGRI-FOS® SYSTEMIC FUNGICIDE

EPA Reg. No. 71962-1-54705

Common Name: Liquid systemic fungicide.

Chemical Description: Mono- and di-potassium salts of Phosphorous Acid.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Lawn & Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES.: (559) 435-2163

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Blue liquid with slight to no odor. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid strong oxidizing agents and strong bases. Corrosive to most metals. Not DOT regulated.

HEALTH: 2 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 0

(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

SECTION 4. FIRST AID

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.

Skin: 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.

Ingestion: 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 a poison control center or doctor. Never give anything by mouth to an unconscious person.

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

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	Not applicable.
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Autoignition Temperature:	Not available.
Flammability Classification:	Not applicable.
Known Hazardous Products of Combustion:	None.
Properties that Initiate/Contribute to Intensity of Fire:	None.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	This is not a flammable material. Some gases such as phosphorus oxides may be released.
Extinguishing Media:	Carbon dioxide, dry chemical, foam, water spray.
Special Firefighting Procedures:	Use full-faced self-contained breathing apparatus along with full protective gear.

SECTION 6. SPILLS AND LEAKS

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7. STORAGE AND HANDLING

Storage:	Store in well sealed container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not store near heat or flame. Do not store near combustible materials, herbicides, fungicides, and food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. May be harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Do not allow children or pets to contact treated area until sprays have dried.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Blue liquid.
Odor:	Slight to none.
pH:	5.5 – 6.0
Vapor Pressure:	Not available.
Vapor Density (Air = 1):	Not available.
Boiling Point:	> 100°C (212°F)
Freezing Point:	Not available.
Water Solubility:	Miscible.
Density:	11.26 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	Avoid strong oxidizers and bases. Corrosive to most metals.
Incompatibility:	Not compatible with strong oxidizers, bases and most metals.
Hazardous Decomposition Products:	None known.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Mild irritant to eyes.
Skin:	Mildly irritating to skin.
Ingestion:	Ingestion may cause diarrhea, nausea, vomiting and cramps.
Inhalation:	May be slightly irritating.

Subchronic Effects: None known.

Chronic Effects: Not established.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. If container is empty: Do not reuse this container. Place in trash or offer for recycling. If container is partially filled: Call your local solid waste agency of 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SECTION 14. TRANSPORTATION

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Insecticides or Fungicides, Liquid. NMFC Item 102120, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

Proposition 65: None.

SECTION 16. OTHER

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.

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