

# MATERIAL SAFETY DATA SHEET

---

**PLANT FOOD SYSTEMS, INC** PO Box 775, Zellwood, FL 32798  
Phone: (407) 889-7755 Fax: (407) 889-7778

## SECTION I: GENERAL INFORMATION

Product Number: \_\_\_\_\_ Product Name: **Ag-Phite 42 0-22-20**  
Chemical Name and Synonyms: Mixture of Monopotassium Phosphite and Di-Potassium Phosphite.  
Precautions: Avoid contact with eyes, skin, and clothing

## SECTION II: HAZARDOUS INGREDIENTS

Not Applicable

## SECTION III: PHYSICAL/CHEMICAL DATA

Boiling Point: Over 212°F  
% Volatile by Weight: N/A  
Vapor Density: Estimated lighter than air  
Vapor Pressure (mm Hg): Not Determined  
Solubility In Water: Soluble  
Specific Gravity (H<sub>2</sub>O=1): 1.41  
Appearance and Odor: Clear, colorless, Odorless  
pH: 6.2-6.5

## SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: N/A  
Explosive Limits: Not Determined  
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Class BC, ABC Fire Extinguisher  
Unusual Fire Explosion Hazards: None

HMIS: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

## SECTION V: REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: Phosphorous Oxides  
Incompatibility: Strong oxidizers and water reactive materials.

## SECTION VI: HEALTH HAZARD DATA

Effects of Overexposure/Emergency and First Aid Procedures:  
Eyes: Wear chemical type goggles. Avoid contact with eyes. Flush eyes immediately with water.  
Skin: Protect skin from contact. Causes irritation. Wash off skin with water.  
Inhalation: If vapors or mist causes irritation or distress, remove to fresh air.  
Ingestion: If swallowed, do not induce vomiting, consult a physician immediately.  
Respiratory Protection: No special requirements.

## SECTION VII: SPILL, LEAK, AND DISPOSAL PROCEDURES

Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled area with water.

## SECTION VIII: SPECIAL PRECAUTIONS

Handling and Storage: Avoid overheating or freezing.  
Other Precautions: Wash thoroughly after Handling. If ingested, call a physician.

---

Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.

---