

# SAFETY DATA SHEET

Plant Food Systems, Inc.

## **KPHITE T/O® Fungicide & Bactericide**

EPA Reg. No 73806-1

### Section 1—Identification

**Product** Kphite T/O  
**Manufacturer** Plant Food Systems, Inc  
**Address:** 2827 Union Street, Zellwood, FL 32798/P.O. Box 775, Zellwood, FL 32798  
**Phone:** (407) 889-7755 (800) 343-7775  
**24 Hour Emergency**  
**Contact** CHEM TRAC (800) 424-9300  
**Uses** Fungicide Bactericide

### Section 2—Hazard Identification

**Hazard** Product is not hazardous under normal conditions

### Section 3—Composition

Ingredients	Components	CAS. No	Classification (GHS-US)
	Phosphorous Acid	13598-36-2	Skin Corr. 1B
	Potassium Hydroxide	1310-58-3	Acute Tox. 4 (oral) Skin Corr. 1A

### Section 4—First Aid Measures

**Inhalation** Generally not considered hazardous. If vapors or mist cause irritation or distress, remove to fresh air.

**Skin Contact** Protect skin from contact. May cause irritation. Flush skin thoroughly with water. If irritation persists, get medical attention.

**Eye Contact** Avoid contact with eyes. Flush eyes immediately and thoroughly with water for 15 minutes. If Irritation persists get medical attention.

**Ingestion** If ingested, do not induce vomiting, consult a physician immediately.

**Chronic Health Hazards** No known chronic health hazards.

### Section 5—Fire Fighting Measures

**Fire Fighting Procedures** Dry Chemical, Carbon Dioxide, Foam, Water Class BC, ABC Fire Extinguisher



### Section 6—Accidental Release Measure

**Personal Precautions** Avoid splashing. Prevent exposure to spilled material with the use of proper PPE. Avoid breathing mist or vapor.

**Protective Equipment** PPE should include gloves, goggles, face shield, and level D coverall

## Section 6—Accidental Release Measure continued

**Containment** 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 7—Safe Handling and Storage

**Precautions for Safe Handling and Storage** Store in a well ventilated cool dry place. Wash thoroughly after handling.  
**Handling and Storage** Avoid overheating or freezing. Do not mix other materials in container.  
**Incompatibility** Strong oxidizers and reactive materials

## Section 8—Exposure Controls/Personal Protection

**Potassium Hydroxide (1310-58-3)** USA ACGIH ACGIH Ceiling (mg/m<sup>3</sup>) 2 mg/m<sup>3</sup>

**Engineering Controls** Eyewash facilities should be available  
**Personal Protective Equipment** Eyes-Chemical safety goggles or safety glasses  
Hands-Chemical resistant/impervious gloves  
Respiratory-None required under normal conditions.  
**Other information** Do not eat, drink or smoke during use

## Section 9—Physical and Chemical Properties

<b>Appearance and Odor</b>	Clear, colorless, odorless liquid		
<b>Boiling Point</b>	Over 212°F	<b>Specific Gravity</b>	1.50
<b>Freezing Point</b>	<32°F	<b>Molecular Weight</b>	N/A
<b>Vapor Density</b>	Estimated Lighter than air	<b>Water Reactive</b>	N/A
<b>Gallons per Ton</b>	160	<b>Evaporative Rate</b>	N/A
<b>Solubility in Water</b>	Complete	<b>pH</b>	6.8-7.2
<b>Flash Point</b>	N/A	<b>Flammability</b>	N/A

## Section 10—Stability and Reactivity

**Reactivity** Product is not reactive under normal conditions  
**Stability** Product is stable under normal conditions  
**Hazardous Reactions** Hazardous polymerization will not occur  
**Conditions to Avoid** Elevated temperatures may cause container to rupture  
**Hazardous Decomposition Products** Phosphorous oxides, phosphine

## Section 11—Toxicology Information

**Routes of Exposure** Inhalation, ingestion, or skin/eye absorption  
**Symptoms and Signs of Exposure** Eyes & skin slightly irritating. Inhalation is not generally considered hazardous  
Ingestion may irritate or burn throat and may cause nausea or vomiting.  
**Long Term Effects** No known long term effects.  
**Toxicity** No limits have been set for this material.  
**Carcinogen** Has not been classified for its carcinogenic potential

## Section 12—Ecological Information

Water Low concentrations are not toxic to fish or other aquatic organisms.

## Section 13—Disposal Considerations

Waste This material is not considered a hazardous waste. Disposal must be done in accordance with local, state, and federal environmental regulations. Place waste in an appropriate container with correct labeling.

## Section 14—Transport Information

**DOT** Material is not hazardous as defined by 49 CFR 172.101 by the US Department of Transportation.

**IMDG** This material is not classified as a Dangerous Good per the IMDG Code.

## Section 15 — Regulatory Information

**United States-SARA Hazardous Category** This product has been reviewed according to the EPA Hazard Categories promulgated under Section 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act (SARA) and is considered, under applicable definitions, to meet the following categories

**Fire-No                  Pressure-No                  Reactive-No                  Chronic-No**

## Section 16—Other Information

**Date of Revision** May 2015 revision prepared in accordance with 29 CFR 1910.1200 Appendix D to meet Global Harmonization Standards.

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