

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/m³) 2 mg/m³

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

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