

# Chemical Factsheet

## Potassium Phosphite

### Mono- and di- potassium salts of phosphorous acid

#### General Information

- Product Names:

**Agri-Fos Systemic Fungicide** (Liquid Fertilizer Pty. Ltd. [Trading as Agrichem Manufacturing Industries Pty Ltd])

**Agri-Fos Systemic Fungicide Plus** (Liquid Fertilizer Pty. Ltd. [Trading as Agrichem Manufacturing Industries Pty Ltd])

**Appear** (Syngenta)

**Appear Fungicide II** (Syngenta Crop Protection, LLC)

**Arborfos** (JJ Mauget)

**Arborfos hp** (JJ Mauget)

**Calirus 150** (ICL-IP America, Inc.)

**Catamaran** (Luxembourg-Pamol, Inc.)

**Confine Extra** (Winfield Solutions, Llc)

**Drexel Phiticide** (Drexel Chemical Company)

**Es tc006a** (Bayer Cropscience LP)

**First Choice Phortress Fungicide** (Omex Agrifluids, Inc.)

**Foli-r-fos 400** (Bayer Cropscience LP)

**Foli-r-fos 400 Fungicide** (Bayer Cropscience LP)

**Fosphite Fungicide** (JH Biotech Inc.)

**Freshprotect** (Save Foods, Ltd.)

**Fungi-phite** (Verdesian Life Sciences U.S., Llc)

**Fungi-phite ca** (Verdesian Life Sciences U.S., Llc)

**Fungi-phite df** (Verdesian Life Sciences U.S., Llc)

**Fungi-phite df mup** (Verdesian Life Sciences U.S., Llc)

**Fungi-phite mup** (Verdesian Life Sciences U.S., Llc)

**Hm-0210-a Systemic PGR & Fungicide** (Helena Agri-Enterprises, Llc, D/B/A Helena Chemical Comp)

**Inosco** (Syngenta Crop Protection, Llc)

**Jetphiter** (Aquatrols Corporation of America)

**K-phite 7lp Fungicide** (Plant Food Systems, Inc.)

**Lbg-61** (Luxembourg-Pamol, Inc.)

**Lbg-w** (Luxembourg-Pamol, Inc.)

**Lbg-w-mup** (Luxembourg-Pamol, Inc.)

**Lpi-37** (Luxembourg-Pamol, Inc.)

**Manco-Phite df** (Verdesian Life Sciences U.S., Llc)

**Maxiphite® Fungicide** (Plant Food Systems, Inc.)

**Oxiphos** (Biosafe Systems, Llc)

**Pfs 516 Systemic Fungicide Bactericide** (Plant Food Systems, Inc.)

**Phos Pro Fungicide** (Grow More, Inc.)

**Phospho-jet** (Arborjet, Inc.)

**Phosphorous acid Systemic Fungicide** (Winfield Solutions, Llc)

**Phostrol Agricultural Fungicide** (Nufarm Americas, Inc.)  
**Potassium Phosphite Technical** (Luxembourg-Pamol, Inc.)  
**Prophyt** (Luxembourg-Pamol, Inc.)  
**Prophyt-phc** (Luxembourg-Pamol, Inc.)  
**Prosoy ppt** (Luxembourg-Pamol, Inc.)  
**Rampart Fungicide** (Loveland Products, Inc.)  
**Reliant Systemic Fungicide** (Quest Products Llc)  
**Resist** (Actagro, Llc)  
**Ssystem-K Blue** (Agro-K Corporation)  
**Vital** (Luxembourg-Pamol, Inc.)  
**Vital Green Xtra** (Luxembourg-Pamol, Inc.)  
**Vital-sign** (Luxembourg-Pamol, Inc.)  
**Vitalonil** (Luxembourg-Pamol, Inc.)  
**Whippet Fungicide** (Arborsystems, Inc.)

- Chemical Class: Systemic Phosphonate Fungicide
- Uses: To control a broad spectrum of diseases on large variety of crops; control of several foliar and soil-borne diseases of field crops, grapes, herbs, orchards, pecans and vegetables.
- Alternatives: [Organic agriculture](#), [Organic lawn care](#)
- Beyond Pesticides rating: [Toxic](#)

## Health and Environmental Effects

*See citations at end of document.*

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: No (1, 2)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Possible (2)
- Toxic to Bees: Not documented

## Additional Information

- Regulatory Status:
  - [Mono- and di-potassium salts of phosphorous acid \(076416\) Fact sheet](#) (10/01/1998)
- Supporting information:
  - [PAN Pesticides Database](#): PAN (Pesticide Action Network)

## Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](#)
2. USEPA, 1998. Biopesticides Fact Sheet for Phosphorous acid and its ammonium, sodium, and potassium salts Mono- and di-potassium salts of phosphorous acid. Office of Pesticide Programs. [https://www3.epa.gov/pesticides/chem\\_search/reg\\_actions/registration/fs\\_PC-076416\\_1-Oct-98.pdf](https://www3.epa.gov/pesticides/chem_search/reg_actions/registration/fs_PC-076416_1-Oct-98.pdf)

Factsheet generated on May 24, 2026