

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Phyto Fos 0-22-18 **Date of Preparation:** 05/12/02
NFPA HAZARD RATINGS: Health(1), Fire(0), Reactivity(0).
(0)least (1)slight (2)moderate (3)high (4)extreme.

Section 1-CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Manufacturer: Organic Laboratories, Inc. PO Box 1931 Stuart FL 34991 **Phone:** 772-286-5581
Emergency Telephone: 772-223-9260 **ChemTel, Inc Phone:** 800-255-3924

Section 2-COMPOSITION/INFORMATION

HAZARDOUS INGREDIENT NAME **FORMULA** **CAS No.**

This product is not considered hazardous under The Hazard Communication Standard 29 CFR 1910.1200 although it does contain potassium phosphite, the potassium salt of phosphorus acid.

The specific mixture of ingredients is considered to be a trade secret and is withheld in accordance with the provisions of 29 CFR 910.1200

Section 3-HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential Health Effects: Primary Entry Routes: Eyes, skin, ingestion. Target Organs: Eyes, skin, gastrointestinal tract. Acute Effects: *Eye:* May cause irritation, redness and/or burning. *Skin:* May cause irritation, redness and/or burning. *Ingestion:* May be harmful if swallowed. May cause abdominal cramps, nausea, vomiting and/or diarrhea.
Medical Conditions Aggravated by Long-Term Exposure: Persons with existing skin lesions should exercise caution when using or handling this product. These individuals should also avoid all contact with possible spray mist.
Chronic Effects: Prolonged skin contact may cause dermatitis.

Section 4-FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists or develops. Skin Contact: Remove any contaminated clothing. Wash affected area with mild soap and water. Get medical attention if irritation persists or develops. Launder contaminated clothing before reuse. Ingestion: Give 2 or 3 glasses of water to drink. Induce vomiting by touching back of throat with finger. Get immediate medical attention.
Note to Physicians: No specific antidote. Treat symptomatically.

Section 5-FIRE FIGHTING MEASURES

Flash Point: NA. Flammability Classification: Non-flammable. Extinguishing Media: Water spray, dry chemical, carbon dioxide, foam.
Unusual Fire or Explosion Hazards: Containers exposed to fire may rupture violently. Keep containers cool with water spray.
Hazardous Combustion Products: oxides of carbon and phosphorus Fire-Fighting Instructions: Fire fighters should wear full protective equipment and self-contained breathing apparatus. Prevent runoff from entering water systems. Keep non-essential personnel out of fire area.

Section 6-ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Dike area to contain spills. Small Spills: Wear protective equipment. Prevent spill from entering water systems. Absorb spill on inert material such as clay, vermiculite or kitty litter. Place absorbed material into labeled container for proper disposal.
Large Spills: Dike to prevent spill from entering water systems. Pump into suitable containers for proper disposal.

Section 7- HANDLING and STORAGE

Handling Precautions: Avoid contact with skin, eyes and clothing. Do not take internally. Wash after handling. Do not contaminate water by disposal of equipment wash waters. Storage Requirements: Store in a cool, dry area preferably locked and out of reach of children.

Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: In confined areas or where vapors or mist may be encountered, wear NIOSH/MSMA approved respirator.
Protective Clothing/Equipment: Safety glasses/splash goggles and face shield recommended. Neoprene chemical resistant gloves, protective clothing and rubber boots suggested.

Section 9-PHYSICAL/CHEMICAL PROPERTIES

Physical State: Clear to dark liquid with slight pungent odor. Solubility in Water: Soluble.
Specific Gravity (@ 68°F): 1.3 pH: °6.0-7.0

Section 10-STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. DO NOT FREEZE. Polymerization: NO. Chemical Incompatibilities: Alkaline materials. Conditions to Avoid: Extreme heat. Do not freeze. Hazardous Decomposition Products: Oxides of carbon and phosphorus.

Section 11-TOXICOLOGICAL INFORMATION

Positive Teratogen/Mutagen/Carcinogen (NTP): NO Potential Carcinogen OSHA/IARC: NO.

Section 12-ECOLOGICAL INFORMATION

Accidental spills of undiluted product may cause vegetation kills. Keep out of any body of water.

Section 13-DISPOSAL CONSIDERATIONS

Disposal: Consult local, state or federal regulatory agencies for acceptable disposal procedures and locations. Disposal in waterways or sewers may be prohibited.

Section 14-TRANSPORT INFORMATION

DOT Transportation Data : Compound, non-corrosive fertilizer (manufactured fertilizer), liquid, NOIBN.

Section 15-REGULATORY INFORMATION

EPA Regulations: Not regulated by EPA under FIFRA or FQPA. OSHA Regulations: No. State Regulations: Check with specific state authorities since regulations vary within the states. **SARA Title III; Sections 311/312: Sudden Release of Pressure (N); Reactivity (N); Fire (N); Immediate (Acute) Health (Y); Delayed (Chronic) Health (N).**
All components are TSCA listed chemicals.

Section 16-OTHER INFORMATION

Format similar to ANSI Z400.1-1993.