

SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION

Products: Trophic Phos 0-50-0
Product Use: Fertilizer for Agriculture

Supplier: Apical Crop Science LLC
Address: 1382 SE Third Ave #4, Canby, OR 97013
Telephone: 503-479-8407

SECTION 2 – HAZARDS IDENTIFICATION

Hazardous Ingredients: Phosphoric acid

SECTION 3 – COMPOSITION

Fertilizer in water

SECTION 4 – FIRST AID MEASURES

Eye contact: Flush with clean water
Skin Contact: Wash with soap and water
Ingestion: Consult a physician

SECTION 5 – FIRE FIGHTING MEASURES

Hazard Level: Not flammable or combustible
Flashpoint: None
Upper flammable limit: N/A
Lower flammable limit: N/A
Auto ignition temperature: N/A
Flammability classification: N/A
Conditions of flammability: N/A
Special fire fighting procedures: N/A
Hazardous combustion products: N/A
Shock sensitivity: Non-sensitive
Static discharge sensitivity: Non-sensitive

SECTION 6 – ACCIDENTAL RELEASE MEASURES

In the event of spill or leaks, flush away with water
Waste disposal: Solid waste or flush to sewer

SECTION 7 – HANDLING AND STORAGE

Avoid temperatures above 120°F

SECTION 8 – EXPOSURE / PERSONAL PROTECTION

Gloves: No special requirements but gloves are recommended to avoid drying of skin
Respirator: No special requirements
Eye protection: Safety glasses to avoid contact with eyes
Footwear: No special requirements
Clothing: No special requirements
Other: No special requirements
Engineering controls: Normal ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Odor and Appearance: Clear liquid, no distinct odor
Specific gravity (H₂O = 1): 1.5 - 1.6
pH: 2 ± 1.0
Solubility in Water: Soluble
Boiling point: 212°F (100°C)
Freezing point: 32°F (0°C)

SECTION 10 – STABILITY AND REACTIVITY

Product stability: Stable
Conditions of reactivity: None
Incompatible substances: None, except when applied, agronomic principles must be observed
Hazardous decomposition products: None

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary routes of exposure: Eye contact, ingestion, and skin contact
Exposure limits: None
Effects of acute exposure: Irritation
Sensitizer: Not known to be a sensitizer
Carcinogen: No
Mutagen: Not known to be a mutagen
Teratogen: Not known to be a teratogen

SECTION 12 – ECOLOGICAL INFORMATION

Not toxic to plants or animals. In the event of spill or leaks, flush away with water

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste to solid waste or to sewer

SECTION 14 – TRANSPORT INFORMATION

Non-toxic, non-hazardous

SECTION 15 – REGULATORY INFORMATION

Regulated as an agricultural input by state departments of agriculture

SECTION 16 – OTHER INFORMATION

Information sources: Suppliers SDS's, OSHA, NIOSH, EPA
Preparation date: Oct. 9, 2023
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