

Material Safety Data Sheet

Effective Date: 16-MAY-2002  
Product: ELE-MAX FOLIAR PHOSPHITE 0-0-26

I. IDENTIFICATION

Chemical Name: Concentrated liquid solution of K.  
Chemical Family: Inorganic plant nutrients.  
Formula: Not applicable, formulated mixture.  
Synonyms: Ele-max Foliar 0-0-26  
CAS Number: None  
EPA Number: Not required

II. PHYSICAL DATA

Boiling Point: 212 Degrees F.  
Freezing Point: < - 15 Degrees C.  
Spec Gravity: 1.454 gms/cc  
Vapor Pressure: Not established  
Vapor Density: Not established  
Solubility: Miscible  
Volatiles: Not established  
Evaporation: Not established  
Melting Point: > - 15 Degrees C.  
Appearance: Clear yellow/green liquid, low odor.

III. INGREDIENTS

Material	CAS Number	Percent TLV	Hazard
Proprietary Liquid Concentrated Blend of Soluble Potash; Derived from Potassium Hydroxide and Phosphorous Acid.		100.00 N/D	Product is acidic; Skin & Eye Irritant

NOTE:

N/D = Not Determined

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Non-combustible liquid. Use extinguishing media  
for underlying cause of fire.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and  
full protective equipment. Use water spray to  
keep fire-exposed containers cool.  
Fire and Expl Hazard: Product may produce phosphoric pentoxide under

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fire conditions. May produce hydrogen gas if  
in contact with certain metals (see Section  
VI.).

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V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

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Swallowing: Excessive ingestion may cause irritation of the  
digestive tract by virtue of acidic nature.  
Skin Absorption: None currently known.  
Inhalation: Mist may produce irritation of the upper  
respiratory tract.  
Skin contact: Product may produce skin irritation by virtue  
of acidic nature.  
Eye Contact: Product may produce severe eye irritation by  
virtue of acidic nature.  
Chronic Effects: None currently known where the product is used  
under conditions of good industrial hygiene.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: If conscious, give milk or water to drink. Do  
not induce vomiting. Obtain medical attention  
immediately.  
Skin: Wash skin thoroughly with soap and water.  
Launder clothing before reuse. Obtain medical  
attention if irritation develops.  
Inhalation: Move victim to fresh air. Obtain medical  
attention if irritation persists.  
Eyes: Flush eyes with water for 15 minutes, holding  
eyelids open. Obtain immediate medical  
attention.  
Notes to Physician: In the event of an adverse response, treatment  
should be directed toward control of the  
symptoms and the clinical condition of the  
patient. Ingestion may result in irritation  
to the digestive tract.

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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: Extremes of temperature.  
Polymerization: Will Not Occur

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Conditions to Avoid: None currently known.  
Incompatibility material: Caustic soda, chlorates, nitrates, calcium carbide, etc., mild steel, aluminum alloy, brass, tin, or galvanized material.  
Hazardous Combustion: Will react with metal (see above) with evolution of hydrogen giving rise to potentially flammable and explosive mixtures.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Contain spill and reuse material, if uncontaminated. If contaminated, absorb material with an absorbent, such as clay or sand, and place in plastic containers for proper disposal. Do not contaminate water supplies.  
Waste Disposal Method: This material must be disposed of according to Federal, State, or Local procedures under the Resource Conservation and Recovery Act.

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: None needed under normal conditions of use. If mist is present, use a mist-type canister respirator approved by NIOSH.  
Ventilation: Local exhaust normally sufficient.  
Gloves: Impervious  
Eyes: Splash proof goggles  
Other: Eyewash station, impervious apron and footwear.

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IX. SPECIAL PRECAUTIONS  
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Special precaution: Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds. Store in original containers, away from excessive heat but do not allow to freeze. Store away from bases (such as caustic soda), chlorates, and nitrates. See Section VI.  
Other precaution: A) RCRA Hazardous Waste Number: Not listed  
B) SARA Title III, Section 313: Not listed  
C) SARA Threshold Planning Quantity: 10,000 lbs.  
D) CERCLA Reportable Quantity: Not listed  
E) 49 CFR 172.102, Appendix A: Not listed

