



IDEAS TO GROW WITH®

PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

FOLI-GRO 8-31-5

I. NAME

PRODUCT/TRADE NAME: FOLI-GRO 8-31-5
EPA REGISTRATION #: none
CHEMICAL NAME/Common Name:
Potassium Hydroxide/Caustic Potash
Tetrapotassium Pyrophosphate/TKPP
Ammonium Ortho-polyphosphate/Ammonium Polyphosphate

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
TKPP	7320-34-5	NE	NE
Caustic Potash	1310-58-3	2 mg/m ³ (ceiling)	2 mg/m ³ (ceiling)
Ammonium Polyphosphate	68333-79-9	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): 1.42*
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NE
ODOR: Odorless
APPEARANCE: Black Liquid
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NE
SOLUBILITY IN H₂O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other
FIRE FIGHTING PRECAUTIONS & HAZARDS:
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type:

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Acids, Copper, Brass
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, NH₃, PO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear proper personal and respiratory protective equipment. Absorb with inert material and vacuum or sweep into disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in disposal containers. Repeat as necessary until area is clean.
ENVIRONMENTAL HAZARDS: May be toxic to aquatic organisms. Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with Federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEL/TLV established for this product. PEL/TLV for caustic potash 2 mg/m³. Wear proper respiratory protection for exposures encountered. May be irritating to the respiratory tract.
SKIN ABSORPTION: Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: Keep out of eyes. May cause eye irritation. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.
EFFECTS OF OVEREXPOSURE: Can cause skin and eye irritation. Ingestion could cause vomiting and diarrhea. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA - approved respiratory protection for up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.
PERSONAL PROTECTIVE EQUIPMENT: Rubber or neoprene gloves, safety goggles or glasses with side shields and brow protection.
VENTILATION: General ventilation sufficient for intended use.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Aluminum tanks not recommended for storage.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None
SARA 313: Yes No Chemical:
SARA 302: Yes No Chemical:
TPQ:
CERCLA: Yes No Chemical: Caustic Potash (Potassium Hydroxide)
RQ: 1,000 lbs.
RCRA: Yes No
NFPA HAZARD RATING: NFPA HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate
Special: []
HMIS CODES: HMIS HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

