

Material Safety Data Sheet

Effective Date: 15-MAR-2013
Product: UTILIZE PK 0-3-2

I. IDENTIFICATION

Chemical Name: Potassium Phosphate
Chemical Family: Seaweed-based Nutritional
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 1.062-1.077 g/ml
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility: 100%
Volatiles: Not applicable
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Brown liquid with slight odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Blend of plant nutrients derived from Potassium Phosphate and kelp extracts (ascophyllum nodosum).		100.00	N/E	Moderate eye irritant.
GUARANTEED ANALYSIS:				
Available Phosphoric Acid (P2O5):	3%			
Soluble Potash (K2O):	2%			

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Aqueous solution. Use extinguishing media suitable for underlying cause of fire.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.
Fire and Expl Hazard: May emit toxic and irritating fumes under fire conditions.

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V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: May cause irritation of the throat and gastrointestinal tract. Symptoms include nausea.
Skin Absorption: No hazard anticipated by skin absorption.
Inhalation: Inhalation of spray mists may cause mild irritation of the nose and throat. Symptoms of overexposure include headache.
Skin contact: May cause a slight and momentary irritation of the skin with contact, indicated by redness.
Eye Contact: May cause mild to moderate irritation of the eyes with contact. Symptoms include burning, redness and watering of eyes.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Wash out mouth with water. Do not give anything to drink. Do not induce vomiting. Seek medical attention.
Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation develops, seek medical attention.
Inhalation: Move to fresh air. If irritation persists, seek medical attention.
Eyes: Immediately flush eyes with water, continuing for at least 15 minutes while holding the eyelids apart. Seek 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. The pH of this product is 3.02 to 3.52 (acidic).

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Avoid contact with strong alkaline (basic) materials.
Polymerization: Will Not Occur

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Conditions to Avoid: None currently known.
Incompatibility material: Avoid contact with strong alkaline materials and strong oxidizing agents.
Hazardous Combustion: May emit toxic and irritating fumes under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Do not allow spilled product to enter waterways or drains. Collect spilled liquid with an inert absorbent. Sweep or scoop up and place in suitable containers for proper disposal.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use air-purifying respirator with particulate filter while spraying this mixture.
Ventilation: General and/or local exhaust should be sufficient.
Gloves: Impervious gloves.
Eyes: Splashproof goggles.
Other: Eyewash station, emergency shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

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, ponds or drains with this product.
Other precaution: Store in a cool, dry place and protect from freezing. Keep in original, properly labeled containers.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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Labels Required: None required
Placarding: None
Freight Class: Fertilizing Compound, (Manufactured
Fertilizer), Liquid, NOIBN (NMFC Item 68140,
Sub 6, Class 70)

Chemical Name

Equivalent R.Q.

Not applicable

Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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