

## Section 1: Identification

**Product Name:** KEEL –O

**Manufacturer:** Fusion 360, Inc.

2425 Industrial Rowe

Turlock, CA 95380

**Telephone:** 209-632-0139

**Fax:** 209-632-0169

**Toll Free:** 1-888-634-F360

**Emergency Number:** 209-572-5822

[www.fusion360inc.com](http://www.fusion360inc.com)

**Primary Use:** Agricultural Nutrient

A highly quality formulation for mixing of mineral mixes used in both foliar and /or soil applications.

## Section 2: Hazard Identification

**Classification of the mixture:** The substance is not classified according to the Globally Harmonized System (GHS), Directive 67/548/EEC or Directive 1999/45/EC. This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by the Occupational Safety Health Administration Hazardous Communication Standard 29CFR 1910.1200.

2	Health
0	Flammability
0	Reactivity
C	PPE

Route of Entry: Ingestions, Skin Contact, Inhalation
Physical Hazards: none known
Health Hazards: May cause temporary irritation.
Target Organs: Eyes, Skin, Lungs

- Irritant (skin and eye)
- Skin Sensitizer



WARNING! CAUSES IRRITATION TO EYES AND SKIN. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID DIRECTLY BREATHING VAPORS OR MIST. WASH THOROUGHLY AFTER HANDLING. USE ADEQUATE VENTILATION.

## Section 3: Composition Information on Ingredients

**Hazardous Components:** None

Inert Ingredients.....≤94%

Soluble Potash (K<sub>2</sub>O).....1.0%

Fulvic Acid.....Proprietary.....1-2%

Phosphoric Acid.....7664-38-2.....1-2%

Potassium Hydroxide.....1310-58-3.....≤1%

## Section 4: First Aid Measures

**Routes of Entry:** If in mist form / Possible local irritation / Slight hazard

Eyes- Flush with water for 15 minutes.

Skin- Wash with soap and water.

Inhalation- Remove to fresh air.

Oral- Get medical care.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

## Section 5: Firefighting Measures

**Flash Point:** N/A - Aqueous Solution

**Flammable Limits:** LEL- N/A UEL- N/A

**Extinguishing Media:** Water Fog, Foam, Dry Chemical, CO<sub>2</sub>

**Special Fire Fighting Procedures:** None

**Personal Protective Equipment:** Standard

**Unusual Fire and Explosion Hazards:** N/A

**Hazardous Decomposition Materials (Under Fire Conditions):** N/A

## Section 6: Accidental Release Measures

Small spills should be picked up with paper towels or a mop. Large spills should be wet vacuumed or siphoned into suitable containers for disposal or reclamation.

**Waste Disposal:** Check with applicable local, state and federal laws and regulations.

## Section 7: Handling and Storage

Persons handling product should use proper protective equipment and handle with care. Containers should be stored in a cool dry area to minimize product expansion and possible leakage.

## Section 8: Exposure Controls / Personal Protection

**Respirator Protection:** Not considered necessary.      **Ventilation:** Natural ventilation is usually adequate.      **Protective Gloves:** Rubber or plastic.

**Eye Protection:** Chemical goggles.      **Other Protective Clothing or Equipment:** Eye bath, shower, oxygen mask should be available.

**Work Hygienic Practices:** Wash hands and clothing after handling product.

## Section 9: Physical and Chemical Properties

<b>Appearance:</b> Yellow Liquid	<b>Solubility(ies):</b> Completely Soluble
<b>Upper/Lower Flammability:</b> Information not available	<b>Initial boiling point and boiling range:</b> 100° C
<b>Odor:</b> None	<b>Partition coefficient on-octanol / water:</b> information not available
<b>Vapor Pressure:</b> 570 mm Hg	<b>Flash Point:</b> 324 deg F
<b>Odor Threshold:</b> information not available	<b>Auto-Ignition temperature:</b> 698 deg F, 370 deg C
<b>Vapor density:</b> (AIR = 1) N/D	<b>Evaporation rate:</b> information not available
<b>pH:</b> 1.9	<b>Decomposition temperature:</b> information not available
<b>Relative Density:</b> information not available	<b>Flammability (solid or gas):</b> Not determined
<b>Melting Point / Freezing Point:</b> information not available	<b>Viscosity:</b> N/D

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable

**Incompatibility:** Neutralization reaction will occur if exposed to alkaline materials. This product is compatible with nitrogen base fertilizers (UN-21, CAN-17) with appropriate water dilutions. Check compatibility with sample jar before mixing chemicals.

**Hazardous Decomposition Byproducts:** At extreme temperatures, CO an oxidation product may be evolved, or phosphorus oxide

## Section 11: Toxicological Information

**Potential Health Effects:** (oral, dermal or inhalation) have been determined, the product may cause slight dermal effects to persons with sensitive skin.

Possible skin reddening if not washed off affected area, possible stomach disorders if taken orally, lung congestion if breathed.

**Chronic Effects:** None known

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