

Section 1: Identification

Product Name: FOLIAR GOLD FG-31

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

Primary Use: Agricultural Nutrient

A specifically formulated plant constituent designed to contribute to foliar mineral nutrition.

For foliar application on various ornamentals, including turf, trees and shrubs, annual and perennial foliage species as well as annual and perennial flowering species. This product may be applied via boom sprayers, air-blast sprayers or via aerial application.

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.

0	Health
1	Flammability
1	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

Common Name and Synonym: FOLIAR GOLD FG-31

Hazardous Components: None

Inert Ingredients.....93.72%	Zinc (Zn).....0.12%	Nitrate Nitrogen.....1.0%
Calcium (Ca).....2.20%	Iron (Fe).....0.10%	
Soluble Potash (K ₂ O).....2.00%	Manganese (Mn).....0.06%	
Magnesium (Mg).....0.75%	Boron B).....0.05%	

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, CO₂
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

Appearance: Light Shiny Green– Dark Brown / Green

Solubility(jies): (In water) Miscible

Upper/Lower Flammability: information not available

Initial boiling point and boiling range: 340 deg F

Odor: Sweet

Partition coefficienton-octanol / water: information not available

Vapor Pressure: 1.0 mm Hg @ 20 deg C

Flash Point: 324 deg F

Odor Threshold: information not available

Auto-Ignition temperature: 698 deg F, 370 deg C

Vapor density: 3.1

Evaporation rate: information not available

pH: 3.46

Decomposition temperature: information not available

Relative Density: information not available

Flammability (solid or gas): Not determined

Melting Point / Freezing Point: information not available

Viscosity: information not available

Section 10: Stability and Reactivity

Chemical Stability: Stable

Incompatibility: Strong oxidizers and strong acids

Hazardous Polymerization: none

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

Carcinogenicity: Materials in this product are not considered carcinogens or teratogens.

Disclaimer:

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Updated 6/10/2015