

## Section 1: Identification

**Product Name:** INTEGRITY SOLUBLE 9% ZINC

**Manufacturer:** Fusion 360, Inc.

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**Primary Use:** Agricultural Nutrient

A soluble Zinc supplement especially formulated for use in Organic Farm Production. A soluble zinc sulfate mineral supplement for foliar applications to trees & vines, vegetable & field crops, turf & greenhouse plants and various ornamental species. Consult a technical representative for proper rates and possible compatible combinations.

## 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:** INTEGRITY SOLUBLE 9% ZINC

Hazardous Components: None ( This product does not meet any known hazardous communication criteria)

Inert Ingredients.....86.7%

Zinc (Zn).....9.0%

Sulfur (S).....4.3%

## 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

Appearance: Light Brown	Solubility(ies): (In water) Miscible
Upper/Lower Flammability: information not available	Initial boiling point and boiling range: 295 deg F
Odor: Non-Distinct	Partition coefficienton-octanol / water: information not available
Vapor Pressure: 1.2 mm Hg @ 20 deg C	Flash Point: 340 deg F
Odor Threshold: information not available	Auto-Ignition temperature: 700 deg F, 370 deg C
Vapor density: 2.8	Evaporation rate: information not available
pH: 5.02	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.

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