

Section 1: Identification

Product Name: IOTA-O

Manufacturer: Fusion 360, Inc.

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Primary Use: Agricultural Nutrient

Specifically formulated for use in Organic Farm Production. For application to the soil in which are growing: Trees & Vines, Vegetable & Field Crops, Various Ornamentals, Turf and Greenhouse Plants. Iota-O may be sprayed onto the soil, injected into the irrigation water or via shanking.

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.

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|---|--------------|
| O | Health |
| O | Flammability |
| O | Reactivity |
| C | PPE |

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| 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: IOTA-O

Hazardous Components: None

Inert Ingredients..... 99%

Soluble Potash (K₂O).....1.0%

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.

If ingested drink large amounts of water. Call emergency services if subject is unconscious, having convulsions or is unable to swallow, do not give water.

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 or cold 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

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|---|--|
| Appearance: Light / Dark Tan | Solubility(ies): (In Water) Miscible |
| Upper/Lower Flammability: N/A | Initial boiling point and boiling range: information not available |
| Odor: Yeasty Odor | Partition coefficienton-octanol / water: information not available |
| Vapor Pressure: information not available | Flash Point: information not available |
| Odor Threshold: information not available | Auto-Ignition temperature: information not available |
| Vapor density: information not available | Evaporation rate: information not available |
| pH: 4.0 | 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 Alkali will inactivate

Hazardous Polymerization: N/A

High Temperatures > 100 F will inactivate biological cultures.

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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