

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product Name: TECH-FLO ALPHA 0-10-0
Synonyms: None
Product Use: Agricultural nutrient product used to improve plant health.
Product Restrictions: Not for human or animal consumption.
Manufacturer Name: Nutrient Technologies, Inc.
Address: 1092 E. Kamm Ave., Dinuba, CA 93618
General Phone Number: (559) 595-8090
Transportation Emergency #: CHEMTREC: 800-424-9300

SECTION 2 – HAZARD(S) IDENTIFICATION



Signal word: Warning
GHS Class: Eye Irritant, Category 2, Skin Irritant, Category 5,
Hazard Statements: Causes eye and skin irritation
Precautionary Statements
Prevention: Wear protective clothing, gloves, eye, and face protection.
Response: Wash hands thoroughly after handling.
Disposal: Dispose of unused contents, container and other wastes in accordance with local, state, and federal regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Weight%
Proprietary blend of plant nutrients and inert ingredients including calcium phosphate, calcium sulfate, zinc oxysulfate.		100%

SECTION 4 – FIRST AID MEASURES

Eye contact: Immediately flush opened eyes with plenty of water for 15-20 minutes. Get medical attention if irritation persists.
Skin Contact: Immediately wash skin with soap and water. Get medical attention if irritation persists.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek immediate medical attention

Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog when fighting fires involving this product.

Specific hazards arising from the chemical: If heated containers may burst from increased pressure.

Protective Equipment: As in any fire, wear self-contained breathing apparatus (SCBA), MSHA/NIOSH approved, and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering spill area. Do not walk through spilled material. Put on appropriate personal protective equipment (section 8).

Environmental Precautions: Avoid runoff into waterways, drains and sewers.

Methods for containment: Contain spills with an inert absorbent material such as soil or sand. Prevent spreading by diking or other means.

Methods for cleanup: Clean up spills immediately and place in suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water.

SECTION 7 – HANDLING and STORAGE

Precautions for handling: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

Precautions for storage: Store in a cool, dry, well-ventilated area away from heat, combustible and incompatible materials. Keep container tightly closed when not in use.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Occupational exposure limits: Not established

Appropriate engineering controls: Good general ventilation should be sufficient to control airborne levels.

Personal protective equipment: Wear splash-proof goggles, chemical resistant gloves. Protective equipment for the face and body should be selected based on the task being performed; avoid product contact with skin and clothing.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Odor/appearance: Viscous gray white liquid, indeterminate odor

Odor threshold: Not determined

Boiling point: 100 °C (212 °F)

Melting point: Not applicable

Flash point: None.

Flammability:	Not applicable
Density:	1.344 g/cm ³ (11.2 lbs/gal)
Solubility:	Not determined
Vapor Density:	Not Applicable
Vapor Pressure:	Not Applicable
Evaporation rate:	Not Applicable
pH:	6-8
Viscosity:	600-1600cps
Partition coefficient: (n-octanol/water)	Not Applicable

SECTION 10 – STABILITY and REACTIVITY

Chemical stability:	Stable under normal temperatures and pressures
Hazardous Polymerization:	Not reported.
Conditions to avoid:	Heat, flames, incompatible materials, and freezing temperatures (below 0 °C/32 °F).
Incompatible materials:	Oxidizing agents. Strong acids and alkalis.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral LD50):	No LD50 available. May be harmful if swallowed
Acute Toxicity (Dermal LD50):	No LD50 available. May irritate the skin.
Acute Toxicity Inhalation LC50:	No LC50 available. May be harmful if inhaled
Likely routes of exposure	
Skin irritation:	May irritate the skin
Eye irritation:	May irritate the eyes.
Skin sensitization:	Not tested
Carcinogenic:	Not listed by IARC, NTP, or OSHA.
Chronic effects:	None known.
Other hazards:	None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for this product.
Environmental fate:	No environmental information found for this product.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal:	Dispose of in accordance with local, state and federal regulations. Arrange disposal in accordance to the EPA and/or state and local guidelines. Empty containers may retain product residues.
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SECTION 14 – TRANSPORT INFORMATION

UN transport shipping name:	Not restricted as dangerous good.
Transport hazard class:	None
UN Identification number:	None

Packing group: None
IATA Shipping name: Not restricted as dangerous good.

SECTION 15 – REGULATORY INFORMATION

Proprietary ingredients TSCA Inventory status – listed

SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

SECTION 16 – ADDITIONAL INFORMATION

HMIS rating: Health hazard: 1
Fire hazard: 0
Reactivity: 0

SDS revision date: May 30, 2015