

## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

Product name: **ALPHA 0-10-0**  
Synonyms: TECH-FLO ALPHA 0-10-0  
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** Proprietary blend of plant nutrients and inert ingredients including: calcium phosphate, calcium sulfate, zinc oxysulfate.  
**CAS Number** Not Applicable.  
**Weight%** 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:	Not Applicable.
Melting point:	Not Applicable.
Flash point:	Not Applicable.
Flammability:	Not Applicable.
Density:	1.344 g/cm <sup>3</sup> (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.

## 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: 14-Sep-21