NUTRIENT TECH
by DSG

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Product name:	**SIGMA 3-16-14**
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 2.
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: potassium nitrate, potassium phosphate, potassium chloride, zinc oxide.
CAS Number 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:	May emit oxides of carbon under fire conditions.
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:	None Established.
Appropriate engineering controls:	Use appropriate engineering control such as enclosures, exhaust ventilation, or other means to control airborne levels below the recommended exposure limits. Good general ventilation should be sufficient to control airborne levels.
Personal protective equipment:	Wear splash-proof goggles, chemical resistant gloves. Protective equipment 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 tan-gray liquid, indeterminate odor.
Odor threshold:	Not Determined.
Boiling point:	100 °C (212 °F)
Melting point:	Not Applicable.
Flash point:	None.
Flammability:	Not Applicable.
Density:	1.320 g/cm3 (11.0 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:	Not Applicable.
(n-octanol/water)	

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: 1 Reactivity: 0 Other: x
SDS revision date:	May 30, 2015