

# MATERIAL SAFETY DATA SHEET

NUTRIENT TECHNOLOGIES, INC.

P.O. BOX 903 DINUBA, CA 93618

EMERGENCY PHONE: (209) 595-8090

CHEMTREC EMERGENCY PHONE: (800) 424-9300

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**TRADE NAME: TECH-SPRAY™ Mo-POWER (4-2-1 + 2.8% Mo)**

**CHEMICAL FAMILY:** Inorganic salts formulated for use as a plant nutrient.

**CHEMICAL NAME & SYNONYMS:** Urea, phosphoric acid, ammonium molybdate.

## SPECIAL REGULATORY HAZARDS

<u>INGREDIENT</u>	<u>CAS No.</u>	<u>EXPOSURE LIMIT</u>	<u>OSHA (1910.1200)</u>
Product as formulated	Mixture	Not hazardous	

**Transportation:** No special DOT requirements.

## TYPICAL PROPERTIES

Odor: Sweet	Physical Form: Liquid
Color: Light Green	Vapor Press.(22 C): 19.8 mm Hg (Methylene Chloride)
Boiling Pt.: > 100 C	Lbs/Gal (68 F): 9.1
Sp. Gr. (18 C): 1.092	Vapor Density (Air=1): N/A
Solubility in Water: 100%	pH: Neutral

## HAZARD CLASSIFICATION

**FIRE- [0] TOXICITY- [1] ODOR- [1] REACTIVITY- [0] CORROSIVENESS- [1]**  
(Hazard Rating Code: 0-None; 1-Slight; 2-Moderate; 3-High)

## FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (Method):** Not applicable.

**FLAMMABLE LIMITS (%-by-wt):** Product is not flammable.

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, water, dry chemicals.

**SPECIAL FIRE FIGHTING PROCEDURES:** None.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** None.

## HEALTH HAZARD DATA

**PRIMARY ROUTE OF ENTRY:** Ingestion.

**SPECIAL HAZARDS:** Contact with eyes or skin may cause irritation. Ingestion may cause nausea, vomiting or diarrhea.

**TOXICOLOGY:** There is no toxicological data on this material.

**EMERGENCY & FIRST AID PROCEDURES:** For eye contact, flush with water for 15 minutes. Get medical attention. For skin contact, wash thoroughly with soap and water. If ingested, use gastric lavage to empty stomach. Consult a physician.

## REACTIVITY DATA

**STABILITY:** Highly stable.

**CONDITIONS TO AVOID:** Not reactive

**INCOMPATIBILITY (Materials to Avoid):** None known. Compatible with most chemicals.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## STORAGE, SPILLS, AND DISPOSAL INFORMATION

**SPILL OR LEAK PROCEDURES: (Steps to be taken in case material is released or spilled)**

Use scoop, shovel, or vacuum for removal to waste container. Transfer to secure containers for proper disposal. Use personal protective equipment as outlined below.

**WASTE DISPOSAL METHOD:**

May be disposed of as fertilizer waste or in an approved chemical waste landfill as state or federal regulations permit regarding inorganic waste. Incineration is not practical.

**CONTAINER DISPOSAL METHOD:**

Triple rinse and dispose of in an approved landfill or incinerate in accordance with all applicable government regulations.

**ENVIRONMENTAL:** Avoid run-off into water supplies, streams, storm-water discharge, etc.

## HANDLING AND STORAGE PRECAUTIONS

**SPECIAL PROTECTION INFORMATION:**

**RESPIRATORY PROTECTION:** Not normally required.

**PROTECTIVE GLOVES:** Should be worn when handling.

**EYE PROTECTION:** Tight fitting goggles are recommended.

**OTHER PROTECTIVE EQUIPMENT:** Not normally required.

**SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING:** Avoid skin and eye contact.

Observe good personal hygiene.

**STORAGE PRECAUTIONS:** Protect from extreme temperatures, hot or cold. Keep from freezing. Do not store more than two pallets high.

**OTHER PRECAUTIONS:** Eye wash equipment should be available.

## SARA TITLE III (40 CFR 372)

### SECTION 313 TOXIC CHEMICALS NOTIFICATION

<u>TOXIC CHEMICAL</u>	<u>CAS #</u>	<u>%-BY WEIGHT</u>
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None		
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Carcinogenic per NTP	IARC	OSHA	NONE	x	z
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