

MATERIAL SAFETY DATA SHEET

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Date Issued: 9/15/98

TRADE NAME: TECH-GRO MIRA-CAL SP

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

CHEMICAL NAME & SYNONYMS: Proprietary information.

OCCUPATIONAL EXPOSURE LIMITS

<u>INGREDIENT</u>	<u>CAS No.</u>	<u>EXPOSURE LIMIT</u>	<u>OSHA (1910.1200)</u>
Proprietary salts	-----	10 mg/m ³ ACGIH/TLV	Nuisance Dust

Ingredients not precisely identified are proprietary or nonhazardous.
All ingredients appear on the EPA TSCA Inventory.

Transportation: No special DOT requirements. Not a Hazardous Material.

TYPICAL PROPERTIES

Odor:	Mildly sweet	Physical Form:	Fine granule
Color:	White	Vapor Press.(20 C):	Negligible
pH: 1% Solution	7.0	Sp. Gr.	2.0
Melting Point:	>300°C	Solubility in Water:	16.0% @ 20°C.

HAZARD CLASSIFICATION

FIRE- [0] **TOXICITY-** [1] **ODOR-** [1] **REACTIVITY-** [0] **CORROSIVENESS-** [0]
(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, CO₂, water, dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Inhalation.

SPECIAL HAZARDS: Contact with eyes or skin may cause irritation. Inhalation may be irritating to respiratory tract. No long term chronic effects known from overexposure.

TOXICOLOGY: Oral LD₅₀ in rats = >2500 mg/kg..

EMERGENCY & FIRST AID PROCEDURES: For eye or skin contact, flush with water for 15 minutes. Call physician if irritation persists. If ingested, induce vomiting and contact physician.

REACTIVITY DATA

STABILITY: Highly stable.

CONDITIONS TO AVOID: Not reactive

INCOMPATIBILITY (Materials to Avoid): Avoid contact with strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Gases produced during decomposition are flammable.

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:

Dispose in an approved landfill or incinerate in accordance with all applicable government regulations. This product is a nonhazardous waste as defined in RCRA regulations.

CONTAINER DISPOSAL METHOD: Bags may be incinerated.

ENVIRONMENTAL: Avoid run-off to water supplies, streams, etc., or storm-water discharge.

HANDLING AND STORAGE PRECAUTIONS

SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: If atmospheric levels exceed exposure limits, an NIOSH/MSHA approved dust respirator should be worn.

PROTECTIVE GLOVES: General use chemical resistant gloves are recommended.

EYE PROTECTION: Chemical handling goggles are recommended.

OTHER PROTECTIVE EQUIPMENT: Not normally required.

STORAGE PRECAUTIONS: Dry, indoor storage is recommended. Good housekeeping procedures should be followed to minimize dust generation and accumulation.

SARA TITLE III (40 CFR 372)

SECTION 313 TOXIC CHEMICALS NOTIFICATION

<u>TOXIC CHEMICAL</u>	<u>CAS #</u>	<u>%-By-Weight</u>
None		

Carcinogenic per NTP___ IARC___ OSHA___ NONE x

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