

MATERIAL SAFETY DATA SHEET

NUTRIENT TECHNOLOGIES, INC.

P.O. BOX 903 DINUBA, CA 93618

EMERGENCY PHONE: (559) 595-8090

CHEMTREC EMERGENCY PHONE: (800) 424-9300

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TRADE NAME: TECH-GRO B-LOCK

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

CHEMICAL NAME & SYNONYMS: Boric acid, Orthoboric Acid, Boracic Acid

SPECIAL REGULATORY HAZARDS

<u>INGREDIENT</u>	<u>CAS No.</u>	<u>EXPOSURE LIMIT</u>	<u>OSHA (1910.1200)</u>
Boric Acid	10043-35-3	10 mg/m ³ ACGIH/TLV	Nuisance Dust
Zinc Oxide	1314-13-2	5 mg/m ³ respirable dust (OSHA) 10 mg/m ³ , total dust (OSHA, ACGIH)	Nuisance Dust

Transportation: No special DOT requirements. Not a Hazardous Material

TYPICAL PROPERTIES

Odor:	Paint	Physical Form:	Latex Suspension
Color:	Lt. Pink	Vapor Press. (22 C):	24mm Hg
pH:	Neutral	Sp. Gr.:	1.20
Boiling Point:	100° C	Solubility in Water:	Soluble

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): Not Applicable

EXTINGUISHING MEDIA: Foam, CO₂, water, dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Inhalation, Ingestion.

SPECIAL HAZARDS: May be irritating to eyes and skin with prolonged exposure. May cause gastro-intestinal distress if ingested.

TOXICOLOGY: No information available.

EMERGENCY & FIRST AID PROCEDURES: For eye contact, flush with water. Treatment for skin: wash immediately with water. If ingested, do not induce vomiting, consult a physician.

REACTIVITY DATA

STABILITY: 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:

Small quantities can be disposed of at Municipal Landfill sites. Refer to local regulations for applicable site-specific requirements. Large quantities should be recycled for further use. Boric Acid is a non-hazardous waste as defined by RCRA regulations.

CONTAINER DISPOSAL METHOD:

Dispose of in an approved landfill 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: Goggles or Safety glasses with splash shield.

OTHER PROTECTIVE EQUIPMENT: Not normally required.

STORAGE PRECAUTIONS: Keep containers closed tight when not in use. Indoor storage is recommended. Protect from extreme temperatures, hot or cold. Keep from freezing.

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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Zinc compounds	7733-02-0	2.0
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Carcinogenic per NTP _____ IARC _____ OSHA _____ NONE x

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