

MATERIAL SAFETY DATA SHEET

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TRADE NAME: B-17 BORIC ACID SPRAY (17% B)

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

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

OCCUPATIONAL EXPOSURE LIMITS

<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

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

TYPICAL PROPERTIES

Odor:	None	Physical Form:	Fine granule
Color:	Lt Pink	Vapor Press.(20 C):	Negligible
pH: 1% Solution	5.0	Sp. Gr.	1.51
Melting Point:	170.9°C.	Solubility in Water:	5.0% @ 20°C.

HAZARD CLASSIFICATION

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

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Inhalation.

SPECIAL HAZARDS: Non-irritating to eyes and skin in normal use.

TOXICOLOGY: Ingestion LD₅₀ in rats = 3500-4100 mg/kg of body weight.

EMERGENCY & FIRST AID PROCEDURES: For eye contact, flush with water. Treatment not necessary for skin contact because non-irritating. If ingested in excess of 6 grams, maintain adequate kidney function and force fluids. Gastric lavage is recommended only for symptomatic patients. 24-Hour medical consultation is available at 800-228-5636, Ext.144.

REACTIVITY DATA

STABILITY: Highly stable.

CONDITIONS TO AVOID: Not reactive

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

HAZARDOUS DECOMPOSITION PRODUCTS: None.

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. Personal protective equipment is not required..

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 re-cycled for further use. Boric Acid is a non-hazardous 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: Not normally required.

PROTECTIVE GLOVES: Not normally required.

EYE PROTECTION: Not required but may be warranted if environment is excessively dusty.

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 (40CFR 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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