



PO BOX 16458 • FRESNO CA 93755

# MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

## BT 320 SULFUR 25 DUST

### I. NAME

PRODUCT/TRADE NAME: BT 320 SULFUR 25 DUST  
EPA REGISTRATION #: 2935-399  
CHEMICAL NAME/COMMON NAME:  
Sulfur/Sulfur  
Bacillus Thuringiensis/Bacillus Thuringiensis

### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Sulfur	7704-34-9	NE	NE
Bacillus Thuringiensis	None	NE	NE

### III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): NA  
MELTING POINT: NE  
VAPOR DENSITY (AIR = 1): NA  
% VOLATILES BY VOL.: NA  
ODOR: Earthy  
APPEARANCE: Yellow Dust  
FLASH POINT/METHOD: 374 Deg. F (Sulfur Dust)  
VAPOR PRESSURE (mmHg): NA  
SOLUBILITY IN H2O: Insoluble

### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO2  Dry Chemical  Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS:  
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid solid streams of water which may stir dust clouds or spread fire. Dike to prevent entering drains, sewers or water courses. Dust may form explosive mixture with air. Evacuate people downwind from fire.

### V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type: Crystalline silica

### VI. REACTIVITY

Stable  Unstable HAZARDOUS POLYMERIZATION  
 May Occur  Will Not Occur  
AVOID: Oxidizers, Powdered Carbon  
HAZARDOUS DECOMPOSITION PRODUCTS: H2S, SOx, COx

### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Do not use flares in area. Wear appropriate eye protection. Control dust with water fog. Vacuum or sweep into a dry disposal container.  
DECONTAMINATION: Treat area with detergent and water. Repeat as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, state and local regulations in an approved disposal site.

### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.  
INHALATION: Wear approved respiratory protection for exposures above the nuisance dust PEL/TLV 15 mg/m<sup>3</sup> Total dust, 5 mg/m<sup>3</sup> Respirable dust.  
SKIN ABSORPTION: May cause skin irritation. Remove from skin with soap and water. Wear proper personal protective equipment to reduce exposure.  
EYE EXPOSURE: Sulfur may cause eye irritation. Do not rub eyes. If exposed, flush eyes for a minimum of 15 minutes with water.  
EFFECTS OF OVEREXPOSURE: May cause skin or eye irritation. If ingested it may cause vomiting and diarrhea. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. For eye exposure, flush eyes with water for a minimum of 15

minutes. For skin exposure, remove contaminated clothing and wash with soap and water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

### IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for nuisance dust for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.  
PERSONAL PROTECTIVE EQUIPMENT: Chemical-resistant gloves, long-sleeved coveralls, safety goggles or glasses with side shields and brow protection.  
VENTILATION: Local ventilation recommended for manufacture and formulation.

### X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. This product contains clay and small amounts of crystalline silica may be found. Inhalation of large amounts of crystalline silica may cause pulmonary fibrosis. Sulfur dust can be explosive. Do not allow dust to build up. Keep clear of ignition sources.

### XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None

SARA 313:  Yes  No Chemical:

SARA 302:  Yes  No Chemical:

TPQ:

CERCLA:  Yes  No Chemical:

RQ:

RCRA:  Yes  No

NFPA HAZARD RATING:

Health: [1]

Fire: [2]

Reactivity: [0]

Special: [ ]

HMS CODES:

Health: [1]

Fire: [2]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: May 6, 1985

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Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**

