



IDEAS TO GROW WITH®

PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

BRONC TOTAL

I. NAME

PRODUCT/TRADE NAME: BRONC TOTAL
EPA REGISTRATION #: NONE
CHEMICAL NAME/Common Name:
Ammonium Sulfate/Ammonium Sulfate
Polydimethylsiloxane/Silicone

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Ammonium Sulfate	7783-20-2	NE	NE
Silicone	70131-67-8	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): 1.21
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NE
% VOLATILES BY VOL.: NE
ODOR: Apple
APPEARANCE: Light Green Liquid
FLASH POINT/METHOD: >200 deg. F
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Soluble

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. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Bases, Oxidizers, Potassium Chlorate, Potassium Nitrate, Chlorine, Hypochlorates
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, SO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Absorb with inert material and sweep or vacuum into disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Repeat as necessary until area is clean.
ENVIRONMENTAL HAZARDS: May be toxic to aquatic organisms. Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD₅₀ (rat) 5000 mg/kg (RTECS*). Do not ingest. Wash thoroughly before eating, drinking or smoking.
INHALATION: No PEL/TLV established for this product. Wear proper respiratory protection for exposures encountered. May be irritating to the respiratory tract.
SKIN ABSORPTION: Acute dermal LD₅₀ (rabbit) 3 g/kg (Chevron). Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.
EYE EXPOSURE: Keep out of eyes. May cause eye irritation. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.
EFFECTS OF OVEREXPOSURE: Can cause respiratory tract and eye irritation. Ingestion could cause corrosive deterioration of digestive system tissue and ingestion of large amounts may result in vomiting and diarrhea and excessive fluid loss. 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 and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA - approved respiratory protection for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.
PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.
VENTILATION: General ventilation should be sufficient for intended use.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. May be corrosive to copper, brass, steel, aluminum and concrete.

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: NFPA HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate
Special: []
HMIS CODES: HMIS HAZARD RATING SCALE:
Health: [1] 0 = Minimal 3 = Serious
Fire: [1] 1 = Slight 4 = Severe
Reactivity: [0] 2 = Moderate

DATE PREPARED: May 22, 2003
REVISED DATE:

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*Technical Material NE - Not Established NA - Not Applicable

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

