



PO BOX 16458 • FRESNO CA 93755

# MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

## SPECIAL ELECTRIC

### I. NAME

PRODUCT/TRADE NAME: SPECIAL ELECTRIC  
EPA REGISTRATION #: 2935-503  
CHEMICAL NAME/COMMON NAME:  
Sulfur/Sulfur

### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Sulfur	7704-34-9	NE	NE

### III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): NA  
MELTING POINT: 246 Deg. F  
VAPOR DENSITY (AIR = 1): NA  
% VOLATILES BY VOL.: NA  
ODOR: Sulfur  
APPEARANCE: Yellow Powder  
FLASH POINT/METHOD: 364 Deg. F (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. 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  HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Oxidizers, Powdered carbon  
HAZARDOUS DECOMPOSITION PRODUCTS: COx, SOx, H2S

### 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 material into dry container.  
DECONTAMINATION: Treat spill area with water until clean.  
ENVIRONMENTAL HAZARDS: None  
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.  
INHALATION: Nuisance dust PEL/TLV 15 mg/m<sup>3</sup> total dust. 5 mg/m<sup>3</sup> respirable dust. Wear approved respiratory protection for exposures above the PEL/TLV.  
SKIN ABSORPTION: May cause skin irritation. Remove from skin with soap and water.  
EYE EXPOSURE: Sulfur may cause eye irritation. Do not rub eyes if exposed. Flush eyes for a minimum of 15 minutes with water. Wear appropriate eye protection to reduce exposure.  
EFFECTS OF OVEREXPOSURE: May cause skin or eye irritation. If ingested, it may cause vomiting and diarrhea. Chronic exposure may cause skin and eye irritation. 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, irrigate for a minimum of 15 minutes with water. 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 only NIOSH/MSHA - approved respira-

tory protection for nuisance particulates 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: [1]

Reactivity: [0]

Special: [ ]

HMS CODES:

Health: [1]

Fire: [1]

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: July 2, 1993

REVISED DATE: May 3, 2007

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**

