

**Material
Safety
Data
Sheet**
ferti-lome® Dusting Sulfur
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc.	Box 460, Bonham, TX 75418
Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)	
For Additional Information Contact: Product Manager or Chemtrec	Date Prepared: 03-14-03
Common Name (Used on Label): ferti-lome® Dusting Sulfur	Chemical Family: Sulfur
Chemical Name: Elemental Sulfur	Formula: Not determined
Trade Name & Synonyms: ferti-lome® Dusting Sulfur EPA # 7401-188	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Sulfur (nuisance dust)	7704-34-9	Proprietary	10 mg/m ³	15 mg/m ³

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.
TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

SECTION 3 - PHYSICAL DATA

BOILING POINT (°F) Not established	SPECIFIC GRAVITY (H ₂ O=1) 2.07	VAPOR PRESSURE (mm Hg) Not established
PERCENT VOLATILE BY VOLUME (%) Not established	VAPOR DENSITY (AIR=1) Not established	EVAPORATION RATE (ethyl ether=1) Not established
SOLUBILITY IN WATER Insoluble	REACTIVITY IN WATER Does not apply	
APPEARANCE AND ODOR Powder, sulfur odor.		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (°F) 207 degrees C	FLAMMABLE LIMITS IN AIR (% by volume) Lower: 35g/m ³ Upper: 1400g/m ³	
EXTINGUISHING MEDIA Water fog, carbon dioxide	AUTO IGNITION TEMPERATURE 232 degrees C	
UNUSUAL FIRE AND EXPLOSION HAZARDS Avoid overheating and ignition sources; dusts can form explosive mixtures with air.		
SPECIAL FIRE FIGHTING PROCEDURES Use a self-contained breathing apparatus.		

SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS Eyes, Skin, Upper Respiratory Tract, Gastrointestinal Tract.		
SIGNS AND SYMPTOMS OF EXPOSURE		
(1) ACUTE OVEREXPOSURE EYE CONTACT: Mild irritation. SKIN CONTACT: Repeated contact may cause irritation. INHALATION: Inhalation of dust can cause irritation of the respiratory tract. INGESTION: May cause irritation.		
(2) CHRONIC OVEREXPOSURE Not determined		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Not determined		
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN None		
NTP <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
OTHER EXPOSURE LIMITS None determined		
EMERGENCY AND FIRST AID PROCEDURES EYE CONTACT: Flush with water for 15 minutes. Seek medical attention. SKIN CONTACT: Remove contaminated clothing; flush with water for several minutes; seek medical attention if irritation persists. INGESTION: Seek medical attention immediately. INHALATION: Remove victim to fresh air, administer artificial respiration if not breathing and seek medical attention.		

SECTION 6 - REACTIVITY DATA

STABILITY <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	CONDITIONS TO AVOID Oxidizers, heat
INCOMPATIBILITY (Materials to Avoid) Oxidizers, also separate from chlorates, nitrates, charcoal, metals, and carbides.	
HAZARDOUS DECOMPOSITION PRODUCTS Upon oxidation will form oxides of sulfur including sulfur dioxide and sulfur trioxide, Hydrogen sulfide formation may also occur.	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not occur	CONDITIONS TO AVOID Not determined

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED Keep dust levels at a minimum when cleaning up and keep away from heat and ignition sources.
WASTE DISPOSAL METHOD Dispose of in accordance with Federal, State, and local regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Not required under conditions of normal intended use. Use a NIOSH approved respirator if exposure is above 10 mg/m³ nuisance dust.

VENTILATION

Use in a well-ventilated area.

PROTECTIVE GLOVES

If skin contact is likely to occur.

EYE PROTECTION

Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None determined

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Keep container closed when not in use and store in a cool dry area.

OTHER PRECAUTIONS

None determined

SECTION 10 - OTHER INFORMATION

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.