

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	SULFUR 90W
CHEMICAL NAME	Elemental Sulfur
CHEMICAL FAMILY	Fungicide
EPA REG. NO.	19713-238
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Elemental Sulfur	7704-34-9	90.00	N/A	NH
Inerts	N/A	10.00	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	N/A	<u>Specific Gravity</u>	N/A
<u>Vapor Pressure</u>	Negligible	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Disperses
<u>pH</u>	Neutral	<u>Appearance/Odor</u>	Yellow powder, slight odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>400°F
Extinguishing Media	Dry chemical, CO ₂ , waterspray, foam, or sand
Fire Fighting Procedures	Wear self-contained breathing apparatus in confined area. Fight fire from upwind. Avoid fumes and smoke. In fire situation toxic fumes containing SO _x may be emitted.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme heat and sparks
Incompatibility	Alkali metal nitrides, ammonia
Hazardous Decomposition Products	Sulfur dioxide, H ₂ S
Hazardous Polymerization	Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = >5,000 mg/kg Dermal LD50 (Rat) = >2,000 mg/kg
TLV	None established
N.F.P.A.	Health: 1, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Possible skin or eye irritation. Nausea, vomiting, diarrhea, headache.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If in Eyes: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation develops.

If on Skin: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, get medical attention.

If Inhaled: Remove victim to fresh air. Treat symptomatically and supportively. Seek medical attention.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Pick up spills and place in suitable containers. Mop area with water after material has been picked up. Assure that protective clothing is worn.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Dust mask or NIOSH approved respirator.
Ventilation	General recommended
Protective Gloves	Rubber impervious
Eye Protection	Chemical safety goggles
Other	Coveralls, long-sleeved shirt, rubber boots

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store away from extreme heat, sparks, or open flame.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Fungicide, Solid, N.O.S.
Reportable Quantity	N/A
E.R.G. No	133

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Date Prepared: 08-15-02