

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

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## SECTION I – GENERAL INFORMATION

TRADE NAME	<b>SUFFA</b>
CHEMICAL NAME	Elemental Sulfur
CHEMICAL FAMILY	Fungicide & Acaracide
EPA REG. NO.	19713-39
SIGNAL WORD	CAUTION

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

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Elemental Sulfur	7704-34-9	52.00	5mg/m <sup>3</sup>	NH
Inerts	N/A	48.00	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	>212°F	<u>Specific Gravity</u>	1.37→1.39 g/ml
<u>Vapor Pressure</u>	1mm Hg	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Miscible
<u>pH (@5%)</u>	5-7	<u>Appearance/Odor</u>	Pale yellow liquid, mild odor, sulfur odor.

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F (Non-Combustible)
Extinguishing Media	Water, fog, foam, carbon dioxide, sand or dirt as blanket, dry chemical
Fire Fighting Procedures	Indoors, wear self-contained breathing apparatus. Avoid fumes. Fight fire from upwind. Prevent runoff if possible.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme heat and sparks
Incompatibility	Alkali metal nitrides, ammonia
Hazardous Decomposition Products	Toxic oxides of sulfur
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	5mg/m <sup>3</sup>
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, avoid ingestion, or contact with skin and eyes.

## SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. If irritation occurs, seek medical attention.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Contain with absorbent material and put into container for proper disposal. 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	Not normally required
Ventilation	General recommended
Protective Gloves	Waterproof (Impervious)
Eye Protection	Chemgoggles
Other	Long-sleeved shirt and long pants, shoes plus socks

## SECTION X – SPECIAL PRECAUTIONS

### Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

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

D.O.T. Description	Non-Regulated
Freight Description	Agricultural fungicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G.	133

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