



Sulphur mills limited



604/605, 349 - Business Point, Western Express Highway, Andheri (East), Mumbai - 400 069, INDIA
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MSDS No.: S219608
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MATERIAL SAFETY DATA CERTIFICATE

Section 1: CHEMICAL IDENTITY AND USE

Product Name: SULPHUR 96 DP
Active ingredient: Sulphur
Chemical Classification: Non Metallic Element
Formula: S_x
Chemical Name: Sulphur
CAS No.: [7704-34-9].
Molecular weight: 32.1
USE of product: Fungicide and Acaricide.

Section 2: COMPOSITION /INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%	EU number	PEL/TLV	EU class
1. Sulphur	[7704-34-9]	96.00	DNA	DNA	DNA
2. Additive & Inerts		04.00			

Section 3: HEALTH HAZARD INFORMATION

Acute Health effects
Oral- > 2000 mg/kg (rat)
Dermal > 2000 mg/kg (rat)
Inhalation- > 5.77 ± 0.35mg/l (rat)
Acute exposure effect Acute toxic effect may include nausea, headache, diarrhea upon ingestion of large quantities, or dermal irritation if exposed to skin.
Emergency treatment: If inhaled, remove victim to fresh air. If in eyes, flush with water. If on skin, wash with soap and water. Remove contaminated clothing. See a doctor if irritation persists. If swallowed, induce vomiting by touching back of throat with finger or by giving an ounce of syrup of ipecac with 2 glasses of water. Do not give anything by mouth to an unconscious person.

Section 4: FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Center.
Eyes: Rinse eyes well with water for at least 15 minutes.
Skin: Remove any contaminated clothing, wash skin thoroughly.
Inhalation: Remove from source of contaminated to open space/fresh air, maintain respiration.
Ingestion: Seek medical advice.
Antidote: Treat symptomatically.



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Section 5: FIRE AND EXPLOSION HAZARD

Flash point: 208 °C	Autoignition temperature: No
Explosion sensitivity to static Electricity: Yes	Explosion sensitivity to Impact: No
Explosive Material: No	Flammable Material: Yes
Corrosive Material: No	Pyrophoric Material: No
Oxidizer: No	Hazardous polymerization: No
Flammability LEL % V: Not pertinent	Fire fighting media: Fog, Foam, dry agent
UEL % V: Not pertinent	Special procedure: No
Organic Peroxide: No	

Section 6: ACCIDENTAL RELEASE MEASURES

Spills
Steps to be taken: Evacuate endangered area, cut off area. Take up in dry state without forming dust. If small amount, take up by mechanical means and dispose.

Section 7: WASTE DISPOSAL CONSIDERATIONS

Waste Disposal method: Local regulations should be adhered to. Incineration in controlled furnace. Destroy the empty containers in a safe and authorized place. If burnt avoid inhalation of smoke (if burning permitted). Never re-use empty packs.

Section 8: HANDLING AND STORAGE PRECAUTION

Store in the closed, original container in a well-ventilated area and as cool as possible. Do not store for long periods in direct sunlight.

Section 9: PERSONAL PROTECTIVE

Eyeswash and washing facilities must be readily available. For decontamination clothes and equipment have soap and water on hand.

Section 10: PHYSICAL AND CHEMICAL INFORMATION

Physical state: Solid
Appearance: Yellow powder
Odor: Sulphurous
Melting point: 119°C.
pH : 6.8
Wet sieve test: 350 mesh Passes

Section 11: REACTIVITY DATA

Chemical stability: Stable under normal condition.
Incompatible with other material: None
Reactivity: None
Hazardous reaction product: None



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Section 12: TOXICITY INFORMATION

Acute toxicity	
Eye contact	: Slight irritant
Skin contact	: Slight irritant
Skin sensitization	: Not a sensitizer
Mutagenic potential	: Non mutagenic
Reproductive hazard potential:	No reproduction hazard
Chronic /subchronic toxicity studies:	No risk of chronic toxicity
Carcinogenic potential	: Non carcinogenic
Target Organs	: Eyes, skin , respiratory system

Section 13: ECOLOGICAL INFORMATION

Non toxic to bees, fish and wild life.

Section 14: TRANSPORT INFORMATION

Type of chemical: Sulphur- Non metallic form.
State of chemical: Solid
UN Number: Not Applicable
IMDG code-page No.: Not Applicable.
IMCO CLASS: Not Applicable
(Sulphur is non-hazardous)

Section 15: PACKING INFORMATION

Packed in 1 kg cartons, 5, 10, 20, 25 kg multiwalled paper bags.

Section 16: DISCLAIMER

Information contained in this material safety data sheet is believed to be reliable but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the User/Distributor to ensure that the information contained in the material safety data sheet is relevant to the product manufactured/handled or sold by him as the case may be, *Sulphur Mills Ltd.* makes no warranties, expressed or implied, in respect of the adequacy of this document for any particular purpose.