



# Sulphur mills limited



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MSDS NO.: S218004  
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## MATERIAL SAFETY DATA SHEET

<b>Section 1: CHEMICAL IDENTITY AND USE</b>					
Product Name: COSAVET DF			Active ingredient: Sulphur		
Chemical Classification: Non Metallic Element			Formula: S <sub>x</sub>		
Chemical Name: Sulphur			CAS No.: 7704-34-9		
USE of product: Fungicide and Acaricide			Molecular weight: 32.1		
<b>Section 2: COMPOSITION /INFORMATION ON INGREDIENTS</b>					
Ingredients	CAS No.	%	EU number	PEL/TLV	EU class
1. Sulphur	7704-34-9	80.00	DNA	DNA	DNA
2. Additive & Inerts		20.00			
<b>Section 3: HEALTH HAZARD INFORMATION</b>					
Acute Health effects					
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.					
STEL (ACGIH)		DNA	IDLH	DNA	
NFPA Hazard signals: Health = 1			Fire= 1	Reactivity= 0	
<b>Section 4: FIRST AID MEASURES</b>					
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.					
<b>Section 5: FIRE AND EXPLOSION HAZARD</b>					
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					





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## Section 12: TOXICITY INFORMATION

Acute toxicity	
Oral LD <sub>50</sub> :	> 5000 mg/kg (rat)
Dermal LD <sub>50</sub> :	> 2000 mg/kg (rat)
Inhalation LC <sub>50</sub> :	> 2.6 ± 0.35 mg/l (rat)
Eye contact:	Slight irritant (rabbits)
Skin contact:	Slight irritant (rabbits)
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 and fish  
Birds: LC<sub>50</sub> for Bobwhite quail: >5000 ppm  
Daphnia LC<sub>50</sub>: >665 mg/L

## 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, 5 kg cartons.

## 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 Limited* makes no warranties, expressed or implied, in respect of the adequacy of this document for any particular purpose.