

BASF Australia Ltd

ABN 62 008 437 867

Norwest Business Park,
7 Maitland Place

Baulkham Hills NSW 2153

Telephone: 1 800 635 550

Emergency: 1 800 033 111**Material Safety Data Sheet**

Product Name: **BASF KUMULUS® DF**
WETTABLE SULPHUR FUNGICIDE

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**TRADE NAME:** BASF KUMULUS DF WETTABLE SULPHUR FUNGICIDE**OTHER NAMES:** sulfur
BAS 175 01F**USE:** Fungicide**MANUFACTURER'S NAME/ADDRESS**BASF Australia Ltd
Norwest Business Park, 7 Maitland Place
Baulkham Hills NSW 2153**U.N. NUMBER:** Not Applicable**DANGEROUS GOODS CLASS:** Not Applicable**SUBSIDIARY RISK:** Not Applicable**HAZCHEM CODE:** Not Applicable**POISONS SCHEDULE:** Unscheduled**PACKAGING GROUP:** Not Applicable**EPG:** Not Applicable**PHYSICAL DESCRIPTION/PROPERTIES****APPEARANCE AND ODOUR:** greyish brown low dust water dispersible granules**BOILING POINT °C:** Not available **BULK DENSITY kg/m³:** 0.8-1.0**VAPOUR PRESSURE:** Not applicable **MELTING POINT:** Not Available**VAPOUR DENSITY:** Not Applicable **EVAPORATION RATE:** Not Applicable**SOLUBILITY (WATER):** disperses **PERCENT VOLATILES:** Not Applicable**FIRE/EXPLOSION HAZARD****FLASH POINT °C :** Not Applicable **AUTOIGNITION °C:** Not Applicable**LEL:** Not Applicable **UEL:** Not Applicable**INGREDIENTS**

INGREDIENT	CAS NO.	PROPORTION
Sulfur (present as wettable sulfur)	7704-34-9	800 g/kg
Inerts	-	200 g/kg

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS

No adverse health effects are expected if the product is handled in accordance with this Material Safety Data Sheet and the product label.

SWALLOWED

Product is of low acute toxicity.

EYE

Non-irritating.

SKIN

Non-irritating.

INHALED

Non-irritating.

CHRONIC EFFECTS

No evidence of mutagenicity or teratogenicity in animal tests.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 131126 Australia-wide.

EYE

If product in eyes, wash it out immediately with water. See a doctor if irritation occurs.

SKIN

Remove contaminated clothing and wash skin thoroughly with soap and water. See a doctor if irritation occurs.

INHALED

Remove patient to fresh air.

ADVICE TO DOCTOR

Treat symptomatically.

TOXICITY

Acute toxicity LD ₅₀	(mg / kg)
Rat oral	>2200
Rat dermal	>2000
Rat inhalation LC ₅₀	74.5 mg/L/4hr

PRECAUTIONS FOR USE

EXPOSURE LIMITS

No exposure limits have been set for sulfur.

ENGINEERING CONTROLS

Ensure good ventilation of work areas.

PERSONAL PROTECTION

Eyes: avoid contact with eyes.
Skin: avoid contact with skin.
Respiratory: avoid inhaling dust.

FLAMMABILITY

Not flammable.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

SPILLS AND DISPOSAL

Clear area of unprotected persons. Wear protective clothing as specified in "Precautions for Use: Personal Protection". Shovel or sweep into covered containers for disposal at an approved landfill. Rinse area of spill with soapy water. Contain and absorb rinsate with absorbent material and place into the same disposal container as spilled residues. Small spillages to soil can be shoveled directly into disposal containers. Do NOT flush to drains or sewers. Do NOT contaminate stream, rivers or water courses.

Depending on the quantity released to the environment, notifications to regulatory authorities may be required. If spill is to a water body, immediately notify applicable authorities downstream, so that contingencies can be taken.

End Users: Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

FIRE/EXPLOSION HAZARD

The product will not burn or burns with difficulty.

Use an extinguishing media suitable for the surrounding fires.

FIRE CONTROL TACTICS

Keep unnecessary people away. Wear self-contained positive pressure breathing apparatus, and full fire fighting protective clothing. Use as little water as possible. Dike area of fire to prevent run-off. Use spray or fog; solid stream may cause spreading. If water enters drains, advise authorities downstream

Decontaminate personnel and equipment with soap and water, before leaving the fire site. During decontamination, and when handling broken packages or containers, wear protective equipment.

Avoid breathing dusts, vapours and fumes from burning material.

OTHER INFORMATION

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

DISCLAIMER

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. It should read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.

CONTACT POINT:	BASF Australia Ltd		
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