



# DAVID GRAY & CO PTY LIMITED

A.C.N. 008 671 127

2 Rawlinson Street O'Connor PO Box 2084 Palmyra DC  
Western Australia 6961

Ph (08) 9337 4933 Fax (08) 9337 8316

Internet: [www.davidgray.com.au](http://www.davidgray.com.au) (MSDS's & Company Information)  
Emergency Telephone Number (08) 9337 4933 (During Office Hours)

Date of Issue: April 2013

Page 1 of 4

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

<b>PRODUCT NAME:</b>	<b>Powdered Sulphur</b>
<b>OTHER NAME:</b>	Sulphur
<b>MANUFACTURERS CODE:</b>	(10748) 400g (24966) 25kg
<b>PROPER SHIPPING NAME (ADG Code):</b>	SULFUR
<b>UN NUMBER:</b>	1350
<b>DANGEROUS GOODS CLASS:</b>	4.1
<b>SUBSIDIARY-RISK:</b>	None allocated
<b>PACKING GROUP:</b>	III
<b>HAZCHEM CODE:</b>	1[Z]
<b>POISONS SCHEDULE:</b>	None allocated
<b>USE:</b>	To control powdery mildew, mites and fungus diseases.

### PHYSICAL DESCRIPTION / PROPERTIES

<b>APPEARANCE:</b>	Yellow powder
<b>MELTING POINT:</b>	116°C
<b>BOILING POINT:</b>	Not applicable
<b>VAPOUR PRESSURE:</b>	Not applicable
<b>DENSITY:</b>	1.24
<b>FLASH POINT:</b>	Not applicable
<b>FLAMMABILITY LIMITS:</b>	Not applicable
<b>SOLUBILITY IN WATER:</b>	Not soluble
<b>CORROSIVENESS:</b>	Slightly corrosive to mild steel
<b>OTHER PROPERTIES:</b>	Not applicable

### INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Sulphur	7704-344-9	1000g/kg

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

**HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):** Not Classified

**RISK PHRASES:** Not required

**SAFETY PHRASES:** Not required

#### **GENERAL:**

No adverse health effects are expected when the product is used in accordance with label directions.

#### **ACUTE**

##### **SWALLOWED:**

The acute oral toxicity is Low. However sulphur is a severe irritant to the stomach when ingested.

##### **EYE:**

Severe eye irritant.

##### **SKIN:**

The acute dermal toxicity is low.

##### **INHALED:**

The acute inhalation toxicity is low. Sulphur is a mild irritant if inhaled.

##### **CHRONIC:**

No adverse health effects are expected when the product is used in accordance with label directions. If

### FIRST AID

#### **GENERAL:**

In every case of suspected poisoning contact a doctor or a Poisons Information Centre immediately.

#### **SWALLOWED:**

Seek medical attention immediately.

**NOTE:** Do not give fluids if patient is unconscious or convulsing.

#### **EYE:**

Hold eyelids open and flush eyes with water for at least fifteen minutes. Seek medical attention if symptoms occur.

#### **SKIN:**

Immediately remove contaminated clothing and wash skin thoroughly with soap and water .

#### **INHALED:**

Immediately remove patient to fresh air. If difficulty in breathing is experienced, give oxygen and artificial respiration if necessary. Seek medical attention if symptoms occur.

#### **FIRST AID FACILITIES:**

Soap, water.

**ADVICE TO DOCTOR:**

Treat symptomatically

**PRECAUTIONS FOR USE****EXPOSURE STANDARDS:**

Worksafe Occupational Exposure Standard (TWA – Time Weighted Average)

No data available

Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

**ENGINEERING CONTROLS:**

Use in well-ventilated area.

**PERSONAL PROTECTION:**

Dusk mast and glasses

**FLAMMABILITY:**

Product will burn if involved in a fire

**SAFE HANDLING INFORMATION****STORAGE**

Store in a dry place out of direct sunlight.

**TRANSPORT**

Product is classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

<b>CORRECT SHIPPING NAME:</b>	SULFUR
<b>UN NUMBER:</b>	1350
<b>DANGEROUS GOODS CLASS:</b>	4.1 FLAMMABLE SOLID
<b>SUB-CLASS:</b>	None Allocated
<b>PACKAGING GROUP:</b>	III

**SPILLAGE**

Wear appropriate clothing while cleaning up spill (see Personal Protection). Extinguish any ignition sources. Sweep up the material, which can be re used.

**DISPOSAL**

Place empty container in the bin. Do not burn empty container.

**FIRE/EXPLOSION HAZARD**

Powder ignites readily. The dust forms an explosive mixture in air that may be ignited by static electricity. Product will burn if involved in a fire releasing very irritating and suffocating gas (sulphur dioxide).

HAZCHEM Code: 1[Z]

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Sulphur dioxide

**FIRE FIGHTING EQUIPMENT:**

Water. Wear full protective clothing.

## OTHER INFORMATION

**ECOTOXICITY DATA:**

Practically non-toxic. High concentrations will however make soils acidic.

**ENVIRONMENTAL FATE:**

Used up by some soil microbe's and plants

## CONTACT POINT

**TITLE:** Technical Department

**TELEPHONE NUMBER:** (08) 9337 4933

**AUTHORISED:** Technical Manager

**DATE:** 30/04/2013

**NOTICE:**

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered to be accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to make any alterations to this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.