

SAFETY DATA SHEET

FREE FLO SULPHUR

SECTION 1: Identification of the substance and supplier

Product name: FREE FLO SULPHUR
Recommended Use: Fungicide

Company: Grosafe Chemicals Ltd.
Address: 20 Jean Batten Drive, Mt Maunganui 3116 (P.O. Box 14450 Tauranga 3143)
Email: info@grosafe.co.nz
Telephone Toll Free Number: 0800 820 002
Emergency Telephone Number: 0800 CHEMCALL (0800 243622)
(EMERGENCIES ONLY)

Date of Issue: March 2017

SECTION 2: Hazards Identification

HSNO Hazard Classification: 6.4 A, may cause eye irritation, 9.1 D, intended for biocidal action.

SECTION 3: Composition/information on ingredients

<u>Ingredients</u>	<u>CAS Number</u>	content
elemental sulphur	7704-34-9	800 g/kg
non hazardous ingredients		q.s.

SECTION 4: First Aid Measures

Inhalation Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.

Ingestion Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766) . Seek medical assistance immediately.

Skin Immediately remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical advice.

Eyes Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.

Advice to Doctor: Treat symptomatically.

SECTION 5: Fire Fighting Measures

Extinguishing Media	Water fog, foam, carbon dioxide or dry chemical. Choose extinguishing media to suit the burning material.
Hazards	May be combustible in a hot fire. Dust particles can become airborne.
Protective Equipment	Full protective clothing and self-contained breathing apparatus.
HAZCHEM:	2X
ERP Guide:	47

SECTION 6: Accidental Release Measures

Spills & Disposal: Wear protective clothing. Clear the area of unprotected personnel. Contain spill and collect in an appropriate sealable container for disposal in an approved landfill.

SECTION 7: Handling and Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals and away from sources of heat or ignition. Do not store with food or drink. Wash thoroughly with soap and water after handling.

SECTION 8: Exposure Control/Personal Protection

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND TRANSPORT OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material, Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

SECTION 9: Physical and Chemical Properties

Appearance:	brown granules
Odour:	sulphur
pH:	6 - 8.5 [1% dispersion in water]
Flash Point:	non flammable
Bulk density:	ca 8 g/ml
Solubility in water:	dispersible

SECTION 10: Stability and Reactivity

Stability:	Stable
Materials to avoid:	Strong oxidizing agents, acids, alkalis
Hazardous Polymerisation:	Will not occur

SECTION 11: Toxicological Information

Acute toxicity

Acute Toxicity:	Oral:	LD50 (rat) >5000 mg/kg
Acute Toxicity:	Dermal:	LD50 (rabbit) >5000 mg/kg
Acute Toxicity:	Inhalation:	LC50 (rat) 1660 mg/m ³ [tech.]

Sensitiser:	no
Mutagenic effects:	no
Carcinogenic effects:	no
Teratogenic effects:	no

SECTION 12: Environmental Information

Acute toxicity to (active ingredient):

Bobwhite Quail:-	LC50 (8 days):	>5000 mg/kg b.w.
Daphnia:	LC50 (48 hr):	>1000 mg/l
Green Alga:	LC50 (96 hr):	> 100 mg/l
Fish:		non-toxic
bees:		non-toxic

SECTION 13: Disposal Considerations

If possible use according to label recommendations. Dispose of product and residues according to regional or local body bylaws.

Container disposal: Burn if circumstances, especially wind direction, permit. Otherwise bury in a suitable land fill

SECTION 14: Transport Information

Not scheduled as Dangerous Goods for Land Transport

SECTION 15: Regulatory Information

Registered pursuant to the ACVM Act 1979 No. P P8730
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval code: HSR 000741
See www.epa.govt.nz for approval conditions

Note: The information contained herein is given in good faith, but no warranty, expressed or implied, is made. Consult Grosafe Chemicals Ltd. for further information.