

SAFETY DATA SHEET

KIWICARE[®]

Product Name: *Organic Super Sulphur*

Print/View Date: 15/07/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Organic Super Sulphur
Recommended uses:	Fungicide
Restrictions on Use/Supply:	Do not apply into or onto water
Molecular Formula:	Contains 800g/kg sulphur in the form of a water dispersible granule
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Skin Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H315	P103 ^b P264 P280	P302+P352 P321 P332+P313 P362	No storage statements	P501

Signal word: WARNING

Dangerous Goods: Not a Dangerous Goods

Packaging Group: Not applicable: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017.

Hazardous Substance (GHS) Codes: Skin Irritation Cat. 2

Pictograms:



Hazard Statement: H319: Causes skin irritation.
Designed for biocidal action.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash hands and face thoroughly after handling.

P280: Wear protective gloves/protective clothing/face protection.

P321: Specific treatments refer to first aid on label

P362: Take off contaminated clothing and wash before reuse.

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P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Brownish granules

Ingredients

Ingredients	CAS #	Content %
Sulphur	7704-34-9	80%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

Ingestion: Rinse mouth. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Eye Contact: Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation persists, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Skin Contact: Can cause skin irritation. Take off contaminated clothing. Rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek immediate medical advice.

Inhalation: Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, or call NZ

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Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Advice for Medical Doctors: Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM code:	None
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Non-flammable. Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.
Hazardous Products of Combustion:	Carbon monoxide (CO), Toxic sulphur oxides and hydrogen sulphide gases may be formed.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Low environmental hazard. Contain spill and collect.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling dust. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use. Do not contaminate drains, sewers, or waterways.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children, and animals. Do not allow product to get wet in storage. Minimum shelf life: 2 years.
Protection against fire and explosion:	Keep away from heat sources although the product has no flammability it may add to a fire. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	No exposure standards apply to this product.
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	If repeated or prolonged contact wear chemical resistant gloves.
Eye protection:	If there is significant potential for contact, wear dust goggles.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	Use a respirator or disposable mask to avoid dust irritation.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing. Take of contaminated clothing and wash before reuse. Store work clothing separately.

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Environmental Exposure Controls: Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brownish granules
Odour:	Mild Odour
Odour Threshold:	No data
pH Value:	7-9
Melting point:	~112°C-116°C
Boiling point (range):	Not applicable
Flash Point:	Will not flash
Flammability:	Combustible
Explosive limits:	Not explosive
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	~1.88g/cm ³
Solubility:	Dispersible
Partition coefficient:	No data
Auto-ignition temperature:	246°C (Method: Directive 92/69/EEC, A.16)
Decomposition temperature:	No data
Viscosity:	Not applicable

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10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoided:	Avoid strong acids, bases, and oxidising agents.
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Class:	Skin Irrit. 2
Acute Toxicity:	Sulphur Acute oral LD ₅₀ >2000 mg/kg (rat). Acute dermal LD ₅₀ = 2000 mg/kg (rat)
Aspiration hazard	May cause irritation on inhalation of dust
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation.
Serious eye damage/irritation:	Unlikely to cause eye irritation
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable

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Narcotic effects: No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance: Toxic to aquatic life. Do not contaminate waterways, sewers, or drains when using product or packaging.

Sulphur

Oncorhynchus mykiss, LC₅₀ (96 hr) > 0.063 mg/L

Daphnia magna, EC₅₀ (48 hr) > 0.063 mg/L

Bioaccumulation: BCF <1. Not or is likely to Bioaccumulate

Soil Toxicity: Designed for biocidal action.

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.

DO NOT reuse containers. DO NOT burn.

Methods of disposal to avoid Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: Not applicable

Dangerous Goods Class: No restriction for transport.

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Hazchem Code:	Not applicable
Packaging Group:	Not applicable
Proper Shipping Name:	Not applicable
Segregation:	Food stuffs and food containers

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000741
GHS Classifications:	Skin Irrit. 2
HSNO Controls:	Refer to HSR000741
ACVM	Registered pursuant to the ACVM Act 1997, No. P006063. See www.foodsafety.govt.nz for registration details.
Additional Controls:	Stores containing more than 10,000kg require secondary containment, signage, and an emergency response plan.

16. OTHER INFORMATION

SDS date of preparation:	14 / 07 / 2022
SDS date of revision:	14 / 07 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein

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does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR:	European agreement concerning the international carriage of Dangerous goods by Road
CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average

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