

SAFETY DATA SHEET

Kieserite Magnesium - Organic



Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	Kieserite Magnesium - Organic
Other Names:	Magnesium Sulphate, Magnesium Sulphate Monohydrate
Chemical Formula:	MgSO ₄ ·H ₂ O
Product Code:	N/A
Recommended Use:	Fertiliser for agriculture, horticulture, viticulture and the like
Supplier:	Hortigro Ltd
Address:	164 Manukau Road, Pukekohe 2120, New Zealand
Contact Phone:	09 237 1777
National Poisons Information Centre:	0800 <u>POISON</u> (0800 764 766)
Emergency Phone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency Phone Number:	111 - tell operator what service is needed: Fire, Ambulance or Police

Section 2: HAZARD IDENTIFICATION

Hazard Classifications:	Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001
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Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Magnesium Sulphate Monohydrate	14567-64-7	85%

Section 4: FIRST AID MEASURES

First Aid Measures:	Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
Inhalation:	Remove to fresh air. Keep at rest in comfortable position for breathing. 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. Rinse mouth but DO NOT induce vomiting. Seek medical advice.
Skin:	Remove contaminated clothing then wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.
Eye:	Flush with plenty of water holding eyelids open if necessary. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes.
Advice to Doctor:	No specific antidote. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	n.a.
Hazardous Combustion Products:	Sulphur oxides, magnesium oxide.
Extinguishing Media:	Based on surrounding materials.
Protective Equipment:	Breathing apparatus goggles and protective gloves
HAZCHEM Code:	None allocated.

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and sweep up. Avoid generating dust. Reuse or recycle where possible.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental	Avoid unintended release of excessive amounts into waterways or sewers. If spill does enter waterway contact local authority.

Section 7: HANDLING AND STORAGE

Handling:	Keep out of the reach of children. Avoid contact with skin, eyes and inhalation. Approved Handler: Not required Tracking: Not required Record Keeping: Not required
Storage:	Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs.
Other Information:	Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	n.a.
Protective Equipment:	Overalls, dust mask, safety glasses and gloves.
Engineering Controls:	Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation of dust.
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Creamy brown/white
Format:	Uneven Granules
Odour:	Odourless
Specific Gravity:	n.a.
pH:	n.a.
Solubility in Water:	Soluble
Melting Point:	Decomposes above 850°C
Other Information:	None

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Hazardous Polymerisation:	Not likely to occur.
Hazardous Decomposition Products:	Sulphur oxides, Magnesium Oxide
Conditions to Avoid:	Strong heat, moisture.
Materials to Avoid:	Strong oxidisers.

Section 11: TOXICOLOGICAL INFORMATION

Hazard Classifications:	Not classified as hazardous.
Inhalation:	May lead to nausea, vomiting, diarrhea
Skin:	May cause irritation
Eye:	May cause irritation
Chronic Effects:	Not known
Carcinogenicity:	Not considered to be carcinogenic.
Ingestion:	Acute Toxicity (Oral): LD50 5,000mg/kg (mouse).

Section 12: ECOLOGICAL INFORMATION

Hazard Classifications:	Not hazardous.
Ecotoxicity:	Not toxic
Bioaccumulation:	Unlikely to bio-accumulate

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or at an approved landfill.
Container Disposal:	Dispose of in an approved landfill. Do not use container for any other purpose.

Section 14: TRANSPORT INFORMATION

UN Number:	None allocated
Proper Shipping Name:	None allocated
DG Class:	None allocated
Other Information:	Not regulated for transport purposes.

Section 15: REGULATORY INFORMATION

EPA: Approved pursuant to the HSNO Act 1996, Approval number HSR002053\0.
See www.epa.govt.nz for approval controls.

Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.

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Hazard Classification	EPA CCID, EPA NZ Inventory of Chemicals	MXM
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