

Material Safety Data Sheet

Natural Gypsum

1. Identification of the Material and Supplier:

Product Name: **Natural Gypsum**
Recommended Use: Soil Conditioner and Clay Breaker
Supplier: Orko Fertilizers Pty Ltd trading as
Queensland Organics
65 Potassium Street
Narangba Qld 4504
Email: admin@qldorganics.com.au
Telephone: **+61 7 3202 1379**
Facsimile: +61 7 3203 1425

2. Hazards Identification:

UN No : None Allocated
Hazchem : None Allocated
ADG Classification : None Allocated, not a Dangerous Good
Class : None Allocated
Poisons Schedule : None Allocated

Not classified as hazardous according to the criteria of Safe Work Australia.

3. Composition and Information on Ingredients:

A light brown powder with minor crystals. May contain small amounts of brown organic matter. The ingredients are determined not to be hazardous according to Worksafe criteria.

Uses: Organic soil conditioner.

Physical Description/Properties:

Appearance: A light brown powder with minor crystals. May contain small amounts of brown organic matter.
Odour: Odourless to mild "earthy" odour
Solubility: Partly soluble in water.
Flashpoint: Not flammable.

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4. First Aid Measures:

General Information:

You should call The Poisons Information Centre (13 11 26) if you believe you have been poisoned, burned or irritated by this product

Swallowed: Rinse mouth with water. Seek medical advice.

Eye: Irrigate with copious quantities of water for fifteen minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

Inhaled: Remove victim from exposure. If irritation occurs and persists seek medical advice.

Advice to Doctor.

Treat symptomatically.

5. Fire Fighting Measures:

Fire and Explosion Hazards: Non-combustible material. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Avoid extreme heat. On heating some materials may emit toxic fumes.

Suitable Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials. Wear breathing apparatus when fighting a fire containing these materials

6. Accidental Release Measure:

Spills: Sweep up, but avoid generating dust. Collect and seal in properly labelled containers for reuse. Do not contaminate streams, rivers or water courses.

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7. Handling and Storage:

Store in a dry, cool and well-ventilated area out of direct sunlight. Containers should be kept closed.

Keep out of reach of children and animals.

Keep away from extreme heat and open flames.

8. Exposure Controls and Personal Protection:

Exposure Standards: Exposure limits are unlikely to be reached under normal use.

Engineering Controls: Avoid generating and inhaling dusts. Use in well ventilated area. Ensure air concentrations are below quoted Exposure Standards. Keep containers closed when not in use.

Personal Protection: Avoid eye contact and repeated or prolonged skin contact. Wear gloves and wash hands and contaminated skin after handling. Avoid generating and inhaling dusts. If dust exists, wear dust respirator meeting the requirements of AS/NZS 1715/6. Always carry out good personal hygiene and wash hands before eating, drinking or using the toilet.

9. Physical and Chemical Properties:

Physical State:	A light brown powder with minor crystals. May contain small amounts of brown organic matter. Contains natural Calcium Sulfate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)
Odour:	Odourless to mild “earthy” odour
Solubility:	Slightly soluble.
Specific Gravity:	1.1
Vapour Density:	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	Not applicable
Melting Point/Range (°C):	Not available
Decomposition Point (°C):	Not available
Auto ignition Temp(°C):	Not applicable

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9. Stability and Reactivity:

Stability: Stable under normal conditions of use.

Conditions to avoid: High heat, flames, foodstuffs.

Incompatible Materials: Combustible materials, herbicides and fungicides.

Fire Decomposition: Fire decomposition may form toxic mixtures in confined places.

Hazardous reactions: None known.

11. Toxicological Information:

Symptoms or effects that may arise are:

Ingestion: Swallowing large amounts may result in nausea, vomiting, abdominal irritation and diarrhoea.

Eye Contact: Fine dust may be an eye irritant.

Skin: Prolonged skin contact may cause irritation. Skin abrasions and sores may be aggravated by contact.

Inhaled: Inhalation of dust may result in respiratory irritation of the nose and throat and may cause coughing.

12. Ecological Information:

Natural Gypsum is a natural and mined product.

Eco toxicity: Do not contaminate waterways. Not expected to be a contaminant.

Bioaccumulation: Low

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13. Disposal Considerations:

Refer to local government authorities for disposal recommendations.

14. Transport Information:

Australian Dangerous Goods (ADG) Code: Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Rail and Road.

15. Regulatory Information:

Based on available information, not classified as hazardous according to criteria of Safe Work Australia

16. Other Information:

For clarification or further information please contact the Supplier directly.

The MSDS summarises to the best of our knowledge the health and safety hazards of the product and how to safely handle and use the product. Please review your workplace risk assessment criteria in the context on how the product will be handled and used in the workplace.

Our responsibility for the product is subject to our standard terms and conditions of sale.