



MATERIAL SAFETY DATA SHEET

ISSUE DATE: 1 March 2013

IDENTIFICATION

PRODUCT: GYPSUM

Hazardous substance. Non-Dangerous Goods

PRODUCT DETAILS

Product Name:	Gypsum
Other Names:	As Above
UN Number:	Not allocated
Hazchem Code:	Not allocated
Dangerous Goods Class:	Not allocated
Poison Schedule:	Not allocated
Use:	Soil Conditioner, landscaping and general horticultural purpose

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine Beige material with average grain size <80 micron
Odour:	Nil
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Flashpoint:	Not applicable
PH:	7.5 (saturated solution)

CONTACT DETAILS

Supplier Name:	Martins Fertilizers
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HEALTH WARNING

- Avoid breathing dust or mists – wear particulate mask if dusty
- Wear gloves and PPE when handling
- Wash hands immediately after use
- Read detailed health warning

HEALTH HAZARD INFORMATION

Acute Health Effects

Swallowed: Unlikely under normal conditions, considered to be practically non harmful by all exposure routes. Swallowing gypsum may cause abdominal discomfort and increase the risk of gastro-intestinal infections.

Eye: The dust may be irritating to the eyes resulting in redness and watering, or eye infection.

Skin: Skin contact with these products and their dust may result in skin irritation and in some people may lead to skin sensitisation, dermatitis or skin infection.

Inhaled: Inhalation of dust may irritate, inflame or sensitise the nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis

Chronic health effects

Repeated inhalation of dust/or mist from these products may result in respiratory irritation, inflammation or sensitisation resulting in illnesses including hay fever.

FIRST AID

Swallowed: Thoroughly rinse mouth with water. Seek medical attention if any abdominal symptoms.

Eye: Immediately irrigate eyes, including under the eyelids with plenty of water for 15 minutes. If irritation persists seek medical attention.

Skin: Wash thoroughly with mild soap and water. Remove and launder all contaminated clothing before re-use. If swelling, redness, blistering or irritation develops, seek medical attention.

Inhaled: Remove promptly from exposure to fresh air. If not

First-aid facilities: Eye wash station, running water, soap and sink.

Advice to Doctor: Treat symptomatically.

FIRE FIGHTING

Product Flammability:	Non-flammable
Type of extinguisher:	Dry chemical, CO ₂ , Water or foam extinguisher
Hazards from combustion:	Irritating and highly toxic fumes may be generated
Hazchem Code:	Not applicable
Explosion Risk:	Explosion can result when mixed with diazomethane vapour or aluminium powder and ignition can result when mixed with phosphorus

PRECAUTIONS FOR USE

Exposure standards

Work safe Australia Exposure Standard: Calcium Sulphate Established by Worksafe Australia to be 10 mg/m³ measured as inspirable dust. (Time Weighted Average)

Recommendation: Keep exposure to dust and/or mist (bioaerosols) from these products as low as practicable.

Engineering controls: All work with these products should be carried out in such a way as to avoid skin contact and minimise exposure to dust and/or mist (bioaerosols).

Respiratory protection: Avoid breathing dust. Wear an approved P1 or P2 respirator suitable for respirable particulates and conforming to AS/NZS 1715 and 1716 when exposed to dust. These Standards should be followed in the selection, fit-testing, use, storage and maintenance of the respirators.

Skin protection: Wear standard duty gloves (AS 2161), loose comfortable clothing, and boots. Long-sleeved shirts and long trousers and recommended if skin irritation occurs. Wash skin with mild soap and water immediately after working with these materials. Launder work clothes regularly.

HANDLING & STORAGE

Precautions for safe handling: Avoid contact with eyes and skin. Avoid breathing dust. Wash thoroughly immediately after handling. Wash work clothes regularly.

Conditions for safe storage: Store in a cool, dry well ventilated location, isolated from diazomethane, aluminium and phosphorus. Keep containers sealed against exposure to air and water. Long term storage may result in caking. Store away from foodstuffs

TRANSPORT

Precautions for Transportation: Trucks to use tarpaulin to cover the load (for bulk deliveries).

DISPOSAL

Disposal Methods: Clean up by vacuuming or sweeping to avoid dust dispersal. Use product totally or collect in containers and dispose in accordance with local authority guidelines

ACCIDENTAL RELEASE

Emergency Procedures: Ensure adequate ventilation, avoid dust. Use personal protective equipment. Prevent product from entering drains or waterways. Do not contaminate surface water.

Containment & Cleanup: Vacuum, shovel or sweep up and collect in containers for disposal.

DETAILED HEATH WARNING

HAZARDOUS

GYPSUM

RISK: Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma, to pneumonia (eg Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

SAFETY: Avoid contact with eyes and skin. Avoid breathing dust and/or liquid mists (bioaerosols). Wear suitable protective clothing and standard duty gloves (AS 2161). If exposed to dust and/or liquid mists, also wear dust resistant eye protection (AS/NZS 1336) and particulate respirator (AS/NZS 1715 and 1716). Wash thoroughly immediately after handling. Wash work clothes regularly.

FIRST AID: Irrigate eyes with plenty of water for 10 minutes. Wash skin with soap and water. Seek medical attention for any persistent skin, eye or respiratory symptoms.

MANUFACTURER: Martins Fertilizers Pty Ltd

For Further information on this product contact Martins Fertilizers Pty Ltd.

INDEMNITY STATEMENT

The information contained in this Material Safety Data Sheet is as up to date and accurate as possible. As **Martins** cannot control the conditions under which this products is used, each user must consider the MSDS information in the specific context of the intended application. **Martins** does not accept any liability for damages of any nature from use or reliance on this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory legislation.