


SAFETY DATA SHEET

PRODUCT NAME: **GYP SUM POWDER**
GYP SUM GRANULAR

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Recommended use: Soil amendment; fertiliser
Other Names: N/A
Supplier: Baileys Fertilisers
Address: 24 Beach St
Kwinana Beach
Western Australia 6167
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: Poisons Information Centre on 13 11 26
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

- 1. GHS Classification:** Hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
- 2. Signal Word:** **DANGER**
- 3. Hazard Category(s):** Eye Damage Category 1
- 4. Hazard Symbol:** 
- 5. Hazard Statement(s):** H318 Causes serious eye damage.
- 6. Precautionary Statements:**
Prevention: P280 Wear eye protection / face protection.
Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P310 Immediately call a POISON CENTRE or doctor / physician.
Storage: N/A
Disposal: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Contents % w/w
Calcium Sulphate	10101-41-4	< 75
Calcium Phosphate	7757-93-9	< 7
Non-hazardous ingredients	N/A	Remainder

4. FIRST AID MEASURES

Eye Contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

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Skin Contact:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs, seek medical assistance.
Inhalation:	Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious patient. If vomiting occurs, give further water. Seek medical advice.
First Aid Treatment and note to physician: Treat symptomatically. Can cause corneal burns.	

5. FIRE FIGHTING MEASURES

Flammability:	Non-combustible material.
Extinguishing Media:	This material is non-combustible. However, if the material is involved in a fire use water fog (or if unavailable fine water spray), or whatever extinguishing medium is appropriate to the adjacent material that's on fire.
Special Fire Fighting Instructions:	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Hazchem Code:	None allocated.

6. ACCIDENTAL RELEASE MEASURES

Small Spills:	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large Spills:	Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work upwind or increase ventilation. Cover with damp absorbent (moisten with water; absorbent should be inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred (or could occur after rain) advise local emergency services.
Environmental precautions: Prevent product from entering drains and waterways.	

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.
Conditions for safe storage:	Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.
Specific end use(s):	No information provided.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Calcium sulphate	-	10	-	-	-
Fumed silica (respirable dust)	-	2	-	-	-
Silica Amorphous – Fumed silica (respirable dust)	-	2	-	-	-

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES, DUST MASK. (minimum Class P2 Particulate respirator)

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear safety shoes, overalls, gloves, chemical goggles, dust mask. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Work Hygienic Practices: Do not eat, drink or smoke when using this product. Do not ingest. Avoid contact with eyes and prolonged or repeated contact with skin. Wash thoroughly after handling. Remove contaminated clothing and shoes immediately and rinse with plenty of water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to grey powder.
Odour	Characteristics.
Flash Point	Not relevant.
Boiling Point	Not available.
Melting Point	Not available.
Decomposition Point	Not available.
pH	Not available.)
Bulk Density	Not available.
Solubility (water)	Slightly soluble

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10. STABILITY AND REACTIVITY

- Chemical stability:** This material is thermally stable when stored and used as directed.
- Possibility of hazardous reactions:** No known hazardous reactions.
- Conditions to avoid:** Avoid storage with combustible substances where practical.
- Hazardous decomposition products:** Oxides of calcium and phosphorus. May evolve toxic gases (sulphur oxides) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this SDS and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Acute toxicity:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
- Skin:** Contact with skin may result in irritation.
- Eye:** A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.
- Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.
- Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
- Mutagenicity:** No evidence of mutagenic effects.
- Carcinogenicity:** No evidence of carcinogenic effects.
- Reproductive:** No evidence of reproductive effects.
- Chronic effects:** Ingestion of large quantities may result in serious disturbances in calcium metabolism.
- STOT – single exposure:** This material has been classified as non-hazardous.
- STOT – repeated exposure:** Not classified as causing organ effects from repeated exposure.
- Aspiration:** Not relevant.

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** Acute toxicity estimate (based on ingredients): > 100mg/L
- Persistence and degradability:** No information available.
- Bioaccumulative potential:** No information available.
- Mobility in soil:** No information available.
- Environmental fate:** Prevent entry into drains and waterways. Product may act as a plant nutrient and cause eutrophication.
- Other adverse effects:** No information available.

13. DISPOSAL CONSIDERATIONS

- Disposal:** Collect and place in sealable containers and dispose of to an approved landfill site. Contact the manufacturer / supplier for additional information (if required).
- Special Precautions for Land Fill:** Dispose of in accordance with relevant local legislation.

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14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG or IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG)	AIR TRANSPORT (IATA / ICAO)
UN Number	None allocated.		
Proper Shipping Name	None allocated.		
Transport Hazard Class	None allocated.		
Packing Group	None allocated.		
Hazchem Code	None allocated.		

15. REGULATORY INFORMATION

Poison schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications	<p>Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.</p> <p>The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substance [NOHSC: 1008(2004)].</p>
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Disclaimer	<p>This document has been prepared by Baileys Fertilisers and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.</p> <p>While Baileys Fertilisers has taken all due care to include accurate and up to date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Baileys Fertilisers accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.</p> <p>As the use of the products described in this document is outside the control of Baileys Fertilisers, we make no representation or warranty concerning the suitability or fitness of this product for any purpose. It is your sole responsibility to ensure that the product will have the qualities and attributes that will make them fit for any ordinary or special purpose required of them, even if that purpose is made known to us at any time. This includes responsibility on your part to conduct in a timely manner all appropriate tests and quality checks on the product and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.</p>
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End of SDS	