

SAFETY DATA SHEET - TurbiGyp™



ABN: 49 158 485 039

5 Vision Court | Noosaville QLD 4566

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1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **TurbiGyp™**
 Chemical Nature: **Calcium Sulphate, Milled Gypsum**
 Supplier: **TURBID PTY LTD**

Emergency Contact Information

Telephone: (07) 5471 2290
 Email: info@turbid.com.au
 Address: 5 Vision Court, Noosaville QLD 4566
 Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

Classified as: NOT HAZARDOUS according to the criteria of Safe Work Australia
 NON-DANGEROUS GOODS by the criteria of Australian Dangerous Goods Code (ADG Code) for transport by road and rail.
 Risk phrases: Not Hazardous – No criteria found
 Safety phrases: S23: Do not breathe dust, S25 Avoid contact with eyes, S36 Wear suitable protective clothing
 ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.
 UN Number: NONE. Not hazardous.

HAZARD STATEMENT: H335: May cause respiratory, eyes and skin irritation.

PREVENTION: P102: Keep out of reach of children.
 P262: Do not get in eyes, on skin, or on clothing.
 P281: Use personal protective equipment as required.

RESPONSE: P362: Take off contaminated clothing and wash before reuse.
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313: If skin irritation occurs: Get medical advice.
 P337+P313: If eye irritation persists: Get medical advice.

RESPONSE (cont):	P370+P378: Not combustible. Use extinguishing media suited to burning materials
STORAGE:	P403+P233: Store in a well-ventilated place.
DISPOSAL:	No special requirements; dispose of waste in accordance with local waste and environmental authority guidelines.

3. COMPOSITION/ INFORMATION ON INGREDIENTS		
Reference in AICS:	YES	
Name	CAS Number	Proportion
Gypsum	13397-24-5	<95%

4. FIRST AID MEASURES	
Eye contact:	Flush eye with running water for a minimum of 15 minutes. Seek medical attention promptly if irritation develops. Check for and remove contact lenses.
Skin contact:	Flush eye with running water for a minimum of 15 minutes. Seek medical attention promptly if irritation develops. Check for and remove contact lenses.
Inhalation:	Remove promptly to fresh air. Seek medical attention if coughing or difficulty breathing develops. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops.
Ingestion:	Wash out mouth with water. Remove affected person to fresh air. If a minor amount has been accidentally swallowed, then, if conscious, give small amounts of water to drink. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. If person vomits place person on their side in recovery position. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

5. FIRE FIGHTING MEASURES	
Extinguishing media:	Use an extinguishing agent suitable for the surrounding fire.
Flash point (°C):	Material is non-flammable. May evolve toxic gases if strongly heated.
Auto ignition point (°C):	Not applicable.
Explosion Limits in Air (% by volume):	Not applicable.
Special Procedures:	None.
Unusual hazards:	None known.
Conditions to avoid:	None known.

6. ACCIDENTAL RELEASE MEASURES	
General Response:	Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.
Clean Up Procedure:	Ensure area is well ventilated. Vacuum or sweep material and place into a suitable disposable container. Avoid generating dust. Prevent product from entering drains and waterways.

7. HANDLING & STORAGE	
Handling:	

Storage:	<p>Before use carefully read the product label and SDS. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking, and smoking in contaminated areas.</p> <p>Store in a cool, dry, well-ventilated area, removed from moisture, incompatible substances (strong acids, alkalis, or oxidizing agents) and foodstuffs. Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use.</p>
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:	None Established
Engineering Controls:	Work practices should minimize the release of exposure to dust. Where an inhalation risk exists then local mechanical ventilation may be required. Work areas should be cleaned regularly by damp sweeping or vacuuming. Maintain dust levels below the recommended exposure standard.
Personal Protective Equipment:	Protective clothing (gloves, coveralls, boots, etc.) should be worn to prevent excessive skin contact. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
Respiratory Protection:	If engineering controls are not practical then respiratory devices may need to be worn. Avoid breathing dust released from the product. Wear a P1 or P2 respirator suitable for particulate and conforming with Australian Standards AS/NZS 1715 and AS/NZS 1716 when exposed to the dust. These standards should be followed in the selection, fit-testing, use, storage, and maintenance of the respirators. At high dust levels, wear an airline respirator or a full face P3 respirator.
Eye Protection:	Avoid eye contact by wearing safety glasses with side shields or a face shield (AS/NZS 1336) whenever there is a risk of dust or product getting into the eyes. Potable water and/or eye-wash facilities should be provided in all areas where product is handled.
Skin and body protection:	Avoid skin contact by using gloves and aprons.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder.
Odour:	Odourless.
Boiling point (°C):	Not Applicable
Melting point (°C):	Decomposition temperature 128 to 163°C
Specific Gravity (H ₂ O = 1):	2.32
pH:	3.0 – 5 at 25°C
Vapour pressure (kPa):	Not applicable.
Relative vapour density:	Not applicable.
Volatile by weight (%):	Not volatile.
Solubility in water:	0.22g/L @ 20°C
Evaporation rate:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage.
Conditions to avoid:	Do not store with strong acids, alkalis or oxidising agents.
Incompatible Materials	Incompatible with oxidising agents (e.g. hypochlorites), acids

Decomposition products:	(e.g. hydrofluoric acid) and alkalis. Releases oxides of sulphur when heated to decomposition.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral: Unlikely under normal conditions of use but could cause throat irritation.

Inhalation: Inhalation of dust and/or liquid mists (bioaerosols) may irritate, inflame, or sensitise the nose, throat, and lungs, and may aggravate pre-existing conditions such as asthma and bronchitis.

Irritation:

Skin: The powder and dust, particularly in association with heat and sweat, can cause irritation, but it is not absorbed through the skin. Prolonged contact with skin may result in irritation.

Eyes: Can irritate the eyes and cause watering and redness. Exposure to dust may aggravate pre-existing eye conditions. Mechanical abrasion of the eye may occur if in contact with granules.

12. ECOLOGICAL INFORMATION

Ecotoxicity:
No ecotoxicity data available. Considered low risk.

13. DISPOSAL CONSIDERATIONS

Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site.

Dispose in accordance with local waste and environmental authority requirements.

14. TRANSPORT INFORMATION

Not classified as a dangerous good by the criteria of the ADG code, IMDG or IATA.

15. REGULATORY INFORMATION

Classification: Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and labelling of chemicals.

16. OTHER INFORMATION

This SDS was prepared in accordance with the Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

Acronyms:
ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC
CAS Number Chemical Abstracts Service Registry Number
Hazchem code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
NOS Not otherwise specified
NTP National Toxicology Program (USA)
R-Phase Risk Phrase
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
Un Number United Nations Number

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This SDS summarizes to our best knowledge of health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. Please contact the company if any further information is required.