

MATERIAL SAFETY DATA SHEET

SWANCORP Pty Ltd

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Issued: Aug 2007

Not hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS

Company Name: Swancorp Pty Ltd
Address: 72 Donaldson Rd, Rocklea, Qld, 4106
Phone Number: 07 3276 7422
Emergency Contact: 0419 706176

IDENTIFICATION

Product Name: **GreenCal Gypsum**

Other Names: Gypsum rock, land plaster, alabaster, calcium sulphate dihydrate

Use: Soil amendment

CAS No. 13397-24-5

UN Number: N/A

Correct Shipping Name: Gypsum

Class: N/A

Packaging Group: N/A

Hazchem: N/A

E.P.G.: N/A

Poison Schedule: N/A

Physical Description / Properties

Appearance: White crystals or powder

Formula: $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

Odour: Odourless

Boiling point: N/A

Melting point: 1450°C

Vapour pressure: N/A

Solubility in water: Insoluble in water

Specific gravity: 232 (water = 1)

Flashpoint: Not combustible

Flammability Limits: N/A

pH: 7.2-7.8

Volatile: N/A

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Ingredients

<i>Chemical Entity</i>	<i>CAS No.</i>	<i>Proportion</i>
Calcium Sulphate Dihydrate	13397-24-5	>97%
Crystalline Silica	14808-60-7	*

HEALTH HAZARD INFORMATION

Acute Effects

Swallowed: Gypsum causes temporary irritation of the throat and lungs.

Eye: This substance causes temporary irritation of the eyes.

Skin: No effect to the skin.

Inhaled: This substance causes temporary lung and nose irritation.

Chronic Effects:

Persons with pre existing allergies may be more susceptible to the effects of this substance. Symptoms may include respiratory illness. Carcinogenicity may be dependant on the inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans.

First Aid:

Swallowed: This product is not expected to present health hazards if ingested. If symptoms are displayed consult a physician immediately.

Eye: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of eye and lids. Seek medical attention.

Skin: Flush with plenty of water and mild detergent. Remove contaminated clothing and shoes, launder before reuse. Seek medical attention.

Inhaled: Remove patient to fresh air. Seek medical attention if necessary.

Advice to Doctor: Treat symptomatically based on individual reactions.

PRECAUTIONS FOR USE

Exposure Standards:

None established.

Engineering Standards:

Not necessary unless fabricating. If so, use in naturally well ventilated area to minimise dust levels (below 5 mg/m³ respirable nuisance dust). A system of general and /or local exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is generally preferred because it

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can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection:

Eyes: Use chemical safety goggles where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick drench facilities in work area.

Skin: Wear protective clothing including boots, gloves, lab coat, apron or overalls, as appropriate to prevent skin contact.

Respiratory: In conditions where dust or mist may be generated a half face dust/mist respirator may be worn. For emergencies wear self contained breathing apparatus, positive pressure, (NOHSC approved).

Flammability:

This product is non flammable and non combustible.

Flammability Limits:	Lower Flammability Limit:	Upper Flammability Limit:
-	-	-

SAFE HANDLING INFORMATION

Storage and Transport

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. Isolate from any source of heat or ignition and separate from incompatibles.

Incompatible materials

None known.

Spills and Disposal

Sweep and remove from contaminated area. Whatever cannot be saved or recovered should be disposed of in an approved landfill in accordance with all local, state and federal regulations.

Fire / Explosion

This product is non flammable and non combustible.

Fire Extinguishing media

Use extinguishing media appropriate for surrounding fire.

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OTHER INFORMATION & REFERENCES

Ecological Information: No data available.

Contact Point:

Organisation	Location	Telephone	Ask for
Swancorp Pty Ltd	Rocklea Qld	07 3276 7422	Manager
Poisons Information Centre	Brisbane	13 1126	

This MSDS summarises our best knowledge of the 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 MSDS 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. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.