



Gypsum Soil Life[®]

Revised 10/5 /2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: Gypsum Soil Life[®]
Recommended use: Agricultural gypsum
Company: Winstone Wallboards
Address: P.O. Box 12 256
Penrose 1642, Auckland, NEW ZEALAND
Telephone Number: 09 633 0100
Emergency Contact Number: 0800 POISON (0800 764 166)
or for Emergency Services dial 111
Date of preparation: 16th March 2010

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients composition:

CHEMICAL NAME:	SYNONYMS:	PROPORTION:	CAS NUMBER:
Calcium Sulphate Dihydrate		100	10101-41-4

SECTION 4: FIRST AID MEASURES

Ingestion: No harmful effects expected. If gastric disturbance occurs, call doctor.
Eyes: Immediately flush thoroughly with water for 15 minutes, if irritation persists see doctor
Skin: Wash with mild soap and water.
Inhalation: Remove to fresh air. Leave the area of dust exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact doctor.

SECTION 5: FIRE FIGHTING MEASURES

Flammability: Non-flammable
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.
Hazards from combustion: Non-combustible
Protective precautions and equipment for fire fighters: Normal precautions and protections apply
HAZCHEM Code: N/A



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: N/A

SECTION 7: HANDLING AND STORAGE

Handling:

Product prone to shifting or settling in one ton bags, and to a lesser degree in 25 Kg bags. Check stacks of product after initial stacking for settling, and movement of stack, to avoid possible collapse of the stack. When transporting, do not stack one ton bags on each other, unless suitable tie downs are used, to stop movement should settling occur.

Storage:

Packaged product should be kept dry and away from moisture. It is hygroscopic and tends to cake in moist environments.

Incompatibilities:

Reduces violently when mixed with Aluminium Powder or Red Phosphorus at high temperature (>800 °C)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Standards: N/A

Engineering Controls: N/A

PERSONAL PROTECTION

Skin Protection:

Primary route of entry would be via inhalation; Eye and/or Skin contact.

Eye & Respiratory Protection:

During general handling a two-strap type dust mask is suitable. During milling or grinding of material use of an approved cartridge type mask is recommended. General ventilation should be present when handling product.

Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma maybe aggravated

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off White to Grey Powder

Odour: Low odour

pH, at stated concentration: 7.5 – 8.5

Vapour Pressure: N/A

Vapour Density: N/A

Boiling Point/Range (°C): N/A

Freezing/Melting Point (°C): 1450 °C – decomposes

Solubility in water: 2.41 g/L @ 20°C

Specific Gravity (H₂O = 1): 2.3 – 2.6

FLAMMABILITY: Non-flammable

ADDITIONAL PROPERTIES

Evaporation Rate: Nil

% Volatiles: Nil

Volatile Organic

Compounds Content: Nil



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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	N/A
Hazardous Decomposition:	At extreme temperature (above 1450 C) will form sulphur dioxide, as the sulphur content burns.
Conditions to avoid:	Reduces violently when mixed with Aluminium Powder or Red Phosphorus at high temperature (>800 °C)
Hazardous polymerization:	Nil

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects: Acute (short term)	
Swallowed:	Harmful effects expected. If gastric disturbance occurs, call doctor.
Skin:	Wash with mild soap and water.
Health Effects: Chronic (long term)	N/A

SECTION 12: ECOLOGICAL & INFORMATION

Eco-toxicity:	Is water soluble. Will raise sulphate levels in water, if the volume of gypsum to water is very high.
Persistence and Degradability:	N/A
Mobility:	As dust can be transported considerable distances by wind. As small particles can be transported in waterways. One ton bags of gypsum can "settle" causing load movement during transportation, if not tied down appropriately.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Information:	To standard landfill
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SECTION 14: TRANSPORT INFORMATION

DG Class:	N/A
Subsidiary Risk 1:	N/A
Packaging Group:	N/A
HAZCHEM code:	N/A
Marine Pollutant:	Gypsum occurs naturally in sea water, and is deposited by the evaporation of sea water in low lying areas, usually under a layer of salt. Would not be considered to be a pollutant.
Special Precautions for User:	Minimise exposures in accordance with good hygiene practice. During handling wear the appropriate respiratory, eye and skin protection if warranted per environmental conditions.

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

- END OF SDS -