

1. Product Identification.

Gypsum Minerals: Ground Gypsum Superfine White.
 Ground Gypsum White.
 Agricultural Gypsum.
 Manufacturer/Supplier: Carbon Group
 Ringaskiddy,
 Cork.
 Tel: +353 21 4378988

2. Hazards Identification.

Product not classified as hazardous under Chemical Regulations 2002.
 Powders may irritate eyes or sensitive skin, dust may irritate respiratory system.

3. Composition/ Information on Ingredients.

Gypsum minerals are principally calcium sulphate and natural constituents, which may include clay, limestone and minor amounts of quartz.

CaSO₄ x 2H₂O
 CAS number: 10101-41-4

Dangerous Substances: None
 Substances with Community Workplace Exposure Limits:

CAS No.	Name	Content	WEL Long Term (8hr) mg.m ⁻³	WEL Short Term (15hr) mg.m ⁻³
10101-41-4	Gypsum	>85%	10 Inhailable 4 Respirable	None

4. First Aid Measures.

Inhalation:
 Remove person to fresh air.

Skin Contact:
 Wash skin with clean water for 10 mins. Seek medical advice if irritation persists.

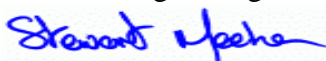
Eye Contact:
 Wash the eyes, including opening eyelids, with plenty of clean water (minimum 15 minutes) and seek medical advice if irritation persists.

Ingestion:
 Wash the mouth out and drink plenty of water.

Other Information:
 Should any symptoms persist obtain medical assistance.

5. Fire Fighting Measures.

Suitable extinguishing media:



All fire extinguishers are suitable media observing normal fire fighting procedures.

Unsuitable extinguishing media:

None

Special exposure hazards arising from dust combustion or gas development:

At high temperatures (more than 1200°C) sulphur trioxide will be produced.

Special protective safety equipment for fire fighting:

None

Additional Information:

The product will not support combustion but the packaging may burn.

6. Accidental Release Measures.

Personal precaution measures:

Control and suppress dust formation

Environmental precaution measures:

Prevent powder contaminating drains and watercourses

Prevent slurry contaminating drains and watercourses

Method of cleaning/sweeping up:

Mechanical pick up (vacuum) or sweep and shovel into bags

Refer to section 8 – Exposure Controls/ Personal Protection

Refer to section 13 – Disposal considerations

7. Handling & Storage.

Minimise and control dust when opening bags or handling the product.

Avoid prolonged or repeated contact with minerals on the skin or eye contact.

Wear protective clothing when working with powdered minerals.

If handling manually use the correct “Manual Handling Techniques”.

8. Exposure Controls/ Personal Protection.

Occupational Exposure Limits:

Substance:	Gypsum/ plaster.
Total Inhalable:	10 mg/m ³ 8 hr TWA OES.
Total Respirable:	4 mg/m ³ 8 hr TWA.
Substance:	Quartz (silica).
Total Inhalable:	0.1 mg/m ³ 8 hr TWA MEL.

Personal Protection:

Respiratory Protection: Control dust formation and ventilate the area of work. If dust can not be controlled wear a half mask to EN 149:2001 FPPI minimum should be worn.

Skin Protection: To avoid prolonged or repeated wet contact wear impermeable gloves. To avoid skin contact wear protective overalls and footwear. To reduce the effect of skin contact apply barrier cream to the hands.



Eye Protection: If powdered particles are likely wear safety goggles BS EN 166.

Environmental Exposure:
Gypsum based preparations are not know to have high potential to damage the environment.

9. Physical and Chemical Properties.

- a) Appearance: Powder, white to off white.
- b) Odour: Odourless, except occasionally slightly musty.
- c) pH Value: 6-8 in 10% aqueous solution (distilled)
- d) Relative density: Approx. 2.5 – 3.0 g/cm³
- e) Solubility in water: Approx. 2.0 g/L

Other information: Thermal decomposition to CaSO₄ and H₂O approx. 140°C
Thermal decomposition to CaO and SO₃ approx. 1200°C

10. Stability & Reactivity.

Stable and unreactive.
When working with higher temperatures (over 1200°C) hazardous sulphur trioxide can develop.

11. Toxicological Information.

No known available evidence indicating adverse toxicological health effects for acute toxicity, corrosivity/irritation, sensitivity, repeated-dose toxicity, mutagenicity, carcinogenicity, or reproductive toxicity.
Inhalation: Dust may irritate respiratory system. No known long term effects.
Skin Contact: Prolonged contact with minerals may dry skin leading to irritation.
Eye Contact: Powder may irritate by particulate in the short term.
Ingestion: Ingestion is unlikely to cause any significant reaction or long-term effect but should be avoided.

12. Ecological Information.

No known negative ecological effects.
Very sparingly soluble in water, forming a solution/slurry and solidifying.

13. Disposal Considerations.


Dispose at an authorised landfill site in accordance with local or national controls.

14. Transport Information.

Not classified as hazardous for transport.

15. Regulatory Information.

Safety Data Sheet prepared in accordance with:
Chemicals (Hazard Information & Packaging for Supply) Regulations 2002 – CHIP 3



Approved Code of Practice (L130). 'The compilation of safety data sheets' Third edition
The Control of Substances Hazardous to Health 1999 (COSHH)
COAHH Essentials: Easy step to control chemicals

16. Other Information.

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