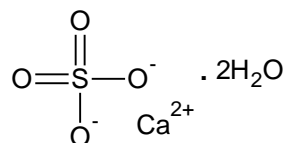


Gypsum

Bulk Chemicals and Intermediates | Technical Data Sheet

Synonyms

Calcium (II) sulfate dihydrate; Gypsum stone; Hydrated calcium sulfate; Mineral white



Molecular formula	CaSO ₄ .2H ₂ O
Molecular weight	172.17
CAS number	13397-24-5
EINECS number	231-900-3

Specifications

Appearance	Moist, cream coloured powder
Purity	75% minimum
LOD at 60°C	20% maximum
Organic matter	0.3% maximum

Physical properties

Solubility	Partly soluble in water
Flashpoint	Not flammable

Description

Gypsum is a moist, cream coloured powder having none to mild 'earthy' odour.

Applications

In manufacturing, cement, concrete products, decorative moldings, fertilisers, Plaster of Paris, paint filler and wall boards

Packaging

Gypsum is available in loose truckloads without packaging.

Storage and handling

Store moist material in a well-ventilated area away from incompatible materials. Wear suitable protective clothing and personal protective equipment (PPE) during handling. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Gypsum is non-flammable and does not support combustion. Wear safety glasses and a face shield as necessary. Always refer to the Safety Data Sheet (SDS) for detailed information on safety.

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First aid

Eye contact: Contact with eyes may cause slight irritation. Flush eyes with plenty of water for 15 minutes. Get medical aid.

Skin contact: Prolonged skin contact may cause slight irritation. Wash affected area(s) with soap and plenty of water. Remove contaminated clothing and wash before reuse. If any irritation persists, get medical aid.

Ingestion: If swallowed, make the conscious victim drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician, if needed.

Inhalation: Shift the affected person to fresh air. If breathing is difficult, get immediate medical aid.

Spills and disposal

In case of spills, collect the spilled material mechanically using methods that will not generate significant dust. Do not let the product enter the drainage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

Contact

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Last updated: October 2016

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