

SAFETY DATA SHEET

GYPSUM

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: GYPSUM

APPLICATIONS: Calcium source.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
GYPSUM			95-100 %
7778-18-9	231-900-3	-	

The Full Text for all R-Phrases are Displayed in Section 16

GROSS FORMULA: Calcium sulphate di-hydrate, a naturally occurring mineral.

COMPOSITION COMMENTS: This product is classified as containing no hazardous ingredients according to the EC Directives.

3. HAZARDS IDENTIFICATION

Not regarded as a health hazard under current legislation.

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: First aid is not normally required. Rinse mouth thoroughly. Drink plenty of water.

SKIN: Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	This material is not combustible. Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Use supplied air respirator if substance is involved in a fire.
UNUSUAL FIRE & EXPLOSION HAZARDS:	No unusual fire or explosion hazards noted.
HAZARDOUS COMBUSTION PRODUCTS:	Fire or high temperatures create: Oxides of: Sulphur.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:	Shovel into dry containers. Cover and move the containers. Flush the area with water. Avoid generation and spreading of dust. Wear necessary protective equipment.
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7. HANDLING AND STORAGE

USAGE PRECAUTIONS:	Avoid handling which leads to dust formation. Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required.
STORAGE PRECAUTIONS:	Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
GYPSUM	7778-18-9	OES		

INGREDIENT COMMENTS:	This material is considered a nuisance dust, OES TWA 4mg/m ³ Respirable Dust, 10 mg/m ³ Total Dust.
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PROTECTIVE EQUIPMENT:



VENTILATION:	Provide adequate general and local exhaust ventilation.
RESPIRATORS:	Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2 (for fine dust).
PROTECTIVE GLOVES:	No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact use suitable protective gloves. Rubber or plastic.
EYE PROTECTION:	Wear dust resistant safety goggles where there is danger of eye contact.
OTHER PROTECTION:	Wear appropriate clothing to prevent repeated or prolonged skin contact. Provide eyewash station.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Powder, dust.		
COLOUR:	White. to Off-white.		
ODOUR/TASTE:	Odourless or no characteristic odour.		
DENSITY/SPECIFIC GRAVITY (g/ml):	2.3	Temperature (°C):	20
pH-VALUE, DILUTED SOLUTION:	6 - 8	Concentration %M:	10
SOLUBILITY DESCRIPTION:	Slightly soluble in water.		
SOLUBILITY VALUE (g/100g H ₂ O 20°C):	1.2		

10. STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Not known.
MATERIALS TO AVOID:	Strong acids.
HAZARDOUS DECOMP. PRODUCTS:	Fire or high temperatures create: Oxides of: Sulphur.

11. TOXICOLOGICAL INFORMATION

INHALATION:	Dust may irritate respiratory system or lungs.
INGESTION:	May cause discomfort if swallowed.
SKIN:	Powder may irritate skin.
EYES:	Particles in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	Not regarded as dangerous for the environment. This material is a naturally occurring mineral. OSPAR have defined this chemical as PLONOR.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Recover and reclaim or recycle, if practical. Dispose of on site landfill area. Dispose of in accordance with Local Authority requirements.
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14. TRANSPORT INFORMATION

ROAD TRANSPORT NOTES: Not classified for road transport.
RAIL TRANSPORT NOTES: Not classified for rail transport.
SEA TRANSPORT NOTES: Not classified for sea transport.
AIR TRANSPORT NOTES: Not classified for air transport.

15. REGULATORY INFORMATION

RISK PHRASES: Not classified.
SAFETY PHRASES: Not classified.
UK REGULATORY REFERENCES: Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations

16. OTHER INFORMATION

USER NOTES: HMIS Health - 1 HMIS Flammability - 0 HMIS Physical Hazard - 0 E - Safety glasses, Gloves, Dust Respirator
INFORMATION SOURCES: Material Safety Data Sheet, Misc. manufacturers. Sax's Dangerous Properties of Industrial Materials, 9th ed., Lewis, R.J. Sr., (ed.), VNR, New York, New York, (1997).
ISSUED BY: Sarah Glover
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