

Non-hazardous material safety data sheet for

Gypsol

This generic SDS is provided by LKAB Minerals to give information to assist with material handling of the products listed which are not classified as hazardous under the GHS and / or the CLP regulations.

SECTION 1: Identification of the substance/mixture of the company/undertaking

1.1 Product identifier

Product name: Gypsol
 CAS No: 7778-18-9
 EC No: 231-900-3
 REACH registration number: 01-2119444918-26

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Anhydrite based self-levelling flooring compound.

1.3 Details of the supplier of the safety data sheet

LKAB Minerals Ltd, Gurney Slade, Somerset, BA3 4TE, England
 minerals.sds@lkab.com

1.4 Emergency telephone number of supplier

LKAB Minerals Ltd (United Kingdom) +44 1749 841146, +44 1724 277411 or +44 1332 673131
 Hours of operation: 09.00 – 16.00 (local business hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008): Physical and chemical hazards: not classified
 Human health: not classified
 Environment: not classified

The full text for all R-phrases and hazard statements are displayed in section 16.

2.2 Label elements

Label in accordance with (EC) No. 1272/2008 No pictogram required.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.1 Substances

Product / ingredient name	%	CAS No	EC No	REACH Registration number	Classification
					Regulation (EC) No. 1272/2008 [CLP]
Anhydrous Calcium Sulphate	94	7778-18-9	231-900-3	01-2119444918-26	Not classified
Calcium Hydroxide	<2	1305-62-0	215-317-3		X _i : R38, R42

The full text for all R phrases and hazard statements are displayed in section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion:	Rinse mouth thoroughly. Get medical attention.
Skin contact:	Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact:	Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No specific symptoms noted.
Ingestion:	No specific symptoms noted.
Skin contact:	No specific symptoms noted.
Eye contact:	No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Fire fighting measures

5.1 Extinguishing media	This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.
5.2 Special hazards arising from the substance or mixture	
Hazardous combustion products:	Combustion will release Oxides of Carbon and Sulphur
5.3 Advice for firefighters	
Special fire-fighting procedures:	No specific fire-fighting procedures given

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Follow precautions for safe handling described in this safety data sheet
6.2 Environmental precautions	The product should not be dumped in nature but collected and delivered according to agreement with the local authorities. Entry into watercourses should be avoided
6.3 Methods and material for containment and cleaning up	Avoid dust formation. Water spray to prevent airborne dust where possible. Avoid dry sweeping which creates dust, if possible. Transfer to a container for disposal.
6.4 Reference to other sections	For personal protection see section 8. For waste disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust. Avoid eye contact
7.2 Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.
7.3 Specific end use(s)	The identified uses for this product are detailed in section 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Name	STD	TWA – 8hrs		STEL – 15mins	Notes
Calcium Sulphate	WEL	4 mg/m ³ respirable dust	10 mg/m ³ total dust		

WEL = Workplace Exposure Limit

8.2 Exposure controls

Protective equipment



Engineering measures:

Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Use Local Exhaust Ventilation for indoor use and chimney filters for industrial use

Respiratory equipment:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas (P2 Filter).

Hand protection:

Wear suitable impervious gloves.

Eye protection:

Wear dust resistant safety goggles where there is a danger of eye contact.

Other protection:

Provide eyewash station.

Hygiene measures:

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: Physical and chemical properties

9.1 Information on basic and physical and chemical properties

Appearance:	Powder.
Colour:	Light Brown
Odour:	Odourless
pH	>10 (in aqueous solution)
Density (kg/m ³) calcium sulphate:	@1350
Solubility (Water): calcium sulphate:	Slight

9.2 Other information

Not relevant

SECTION 10: Stability and reactivity

10.1 Reactivity:

No specific reactivity hazards associated with this product.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

None Known.

10.5 Incompatible materials:

None known.

10.6 Hazardous decomposition products

Carbon Oxides (CO, CO₂) Sulphur Oxides (SO₂, SO₃).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Other health effects:	This substance has no evidence of carcinogenic properties.
Acute toxicity Acute toxicity (Oral LD50): Acute toxicity (Dermal LD50): Acute toxicity (Inhalation LC50):	} Low order of acute toxicity
Inhalation:	Dust in high concentrations may irritate the respiratory system.
Ingestion:	May cause discomfort if swallowed.
Skin contact:	Frequent or prolonged skin contact may cause local short term skin irritation.
Eye contact:	Irritating to the eyes.

SECTION 12: Ecological information

Ecotoxicity:	The material is harmful to aquatic organisms .
12.1 Acute fish toxicity:	No information available
12.2 Persistence and degradability Degradability:	Inorganic basis, therefore non-biodegradable
12.3 Bioaccumulative potential:	The product is not bioaccumulating.
12.4 Mobility in soil:	The product is sparingly soluble in water.
12.5 Results of PBT and vPvB assessment:	This product does not contain any PBT or vPvB substances.
12.6 Other adverse effects:	None known

SECTION 13: Disposal considerations

13.1 Waste treatment methods:	Dispose of waste and residues in accordance with local authority requirements
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SECTION 14: Transport considerations

Road transport notes:	Not classified
Rail transport notes:	Not classified
Sea transport notes:	Not classified
Air transport notes:	Not classified
14.1 UN Number:	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.2 UN proper shipping name:	Not classified for transportation.
14.3 Transport and hazard class(es):	Not classified for transportation.
14.4 Packing group:	Not classified for transportation.
14.5 Environmental hazards Environmentally hazardous substances / marine pollutant:	no
14.6 Special precautions for user:	Not classified for transportation.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Approved code of practice:	Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.
Guidance notes:	Workplace Exposure Limits EH40.
EU Legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment: Not applicable. No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date:	20/05/2019
Revision:	1
Document no:	12-01EN,19-05
Risk phrases in full:	R38: Irritating to skin R42: May cause sensitization by inhalation

Disclaimer:

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