

Rigips Rimat LITE

1 Identification of the mixture and the company

Product identifier

Rigips Rimat LITE

Relevant identified uses of the mixture and uses advised against

Gypsum based lightweight plaster for interior use. (for further details check the product-datasheet).

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Rigips Austria GesmbH
Wiener Neustädterstraße 63
A-2734 Puchberg, Austria

Information contact and emergency telephone number

Saint-Gobain Rigips Austria GesmbH
Wiener Neustädterstraße 63
A-2734 Puchberg, Austria
Telephone no.: +43 (0)2636 2203-616
Email: maya.aistova@saint-gobain.com

Emergency telephone number:

For medical advice: +43 (0)1 406 43 43 (Vergiftungsinformationszentrale Vienna)

Common European emergency number: 112

2 Hazards identification

Classification of the substance

Acc. to CLP-Regulation (EC) No. 1272/2008

Signal word: Danger



Hazard pictogram: GHS 05

Category: eye damage 1

Hazard statement(s): H 318 Causes serious eye damage

Hazard class	Hazard category	Picto-gram / code	Signal word	Hazard statement code	Hazard statement text	Concentration range
Serious eye damage/ eye irritation	Irreversible effects on the eye Category 1	GHS 05	Danger	H318	Causes serious eye damage	≥ 1% - < 10% and pH ≥ 11,5

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Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



Hazard pictogram

Signal word Danger

Substances in the mixture that contribute to the classification for labelling: calcium dihydroxide

Hazard statement(s): H318 Causes serious eye damage

Precautionary statement(s)

P 102: Keep out of reach of children

P 280: Wear protective gloves/protective clothing/eye protection/face protection

P 305+P 351+P 338, P 310: IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P 302+P 352: IF ON SKIN: Wash with plenty of water with soap.

P 501: Dispose of contents/container according to national legislation.

Other hazards

Dust In high concentration may irritate respiratory system.

Skin May cause dryness of skin when exposed for long time.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3 Composition / information on ingredient


Chemical characterization: Mixtures

Description

Mixture of calcium sulphate of different hydrate levels, hydrated lime, perlite, non-hazardous fillers and additives.

CaSO₄ x n H₂O, n=0, ½, 2 CAS: 7778-18-9 calcium sulphate
 EINECS: 231-900-3
 Reg.nr.: 01-2119444918-26-XXXX

Hazardous ingredients:

<p>Ca(OH)₂</p> <p>CAS Nr.: 1305-62-0</p> <p>EINECS Nr.: 215-137-3</p> <p>REACH Registrierungsnummer: 01-2119475151-45-xxxx</p>	<p>Calcium dihydroxide</p> <p>STOT single exposure 3, route of exposure: inhalation</p> <p>Skin irritation 2</p> <p>Eye damage 1</p>  <p>H315 H318 H335</p>	<p>≥ 1% - <10% and pH ≥ 11,5</p>
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Remark: Materials with a threshold value for exposure in the workplace – see point 8.

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4 First aid measures

Description of first aid measures

General information:

No adverse effects are expected during normal use of the substance, however if any effects do appear the following recommendations apply:

After inhalation:

Ensure supply of fresh air. In case of shortage of breath, provide oxygen. If unconscious place in recovery position and seek medical advice

After skin contact

Do not let product dry on skin. After contact with skin wash off immediately with soap and water. When needed use skin cream/lotion. In case of skin irritation contact a dermatologist

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses if possible..

After swallowing

Rinse out mouth and then drink plenty of water. Seek medical advice.

Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

No known other specific symptoms or effects to date.

Identification of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents:

All extinguishing agents are suited. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents:

None

Special hazards arising from the mixture

None

Advice for fire-fighters

Special protective equipment for fire-fighters:

No special measures required

Additional Information:

The product is not flammable. Product sets/hardens in contact with water.

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6 Accidental release measures

Personal precaution, protective equipment and emergency procedures

Avoid contact with eyes and skin. Wear appropriate personal protective equipment.
Product forms slippery surface when combined with water
Avoid formation of dust

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Pick up (dry) mechanically

Reference to other sections

Protective measures in Section 8
Disposal in Section 13

7 Handling and storage

Precautions for safe handling

Prevent formation of dust. If technically possible, use local exhaust ventilation.

Information about fire- and explosion protection

No special measures are required

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

No special requirements

Information about storage in one common storage facility

Not required

Further information about storage conditions

Store in dry condition and avoid humidity. Seal open bags. Keep only in the original container.

Recommended storage temperature

5-30°C

Storage class

Non-combustible solids

Specific end use

No additional information available

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8 Exposure controls / personal protection				
Control parameters				
Ingredients with limit values that require monitoring at the workplace:				
Occupational exposure limits based on lists valid in Austria (MAK-Werte gem. GKV 2018 in compliance with 2017/164/EU directive)				
Calcium sulphate 50-100%	CAS-Nr.	7778-18-9	Limit value	TWG 5 A mg/m ³ KZW 10 A mg/m ³ → 2x60 min (Miw)
Perlite			Limit value	TMW 5 E mg/m ³ KZW 10E mg/m ³ → 2x30 min (Miw).
Calcium dihydroxid	CAS-Nr.	1305-62-0	Limit value	TMW 1 E mg/m ³ KZW 4 E mg/m ³ → 8x5 min (Mov)
Dust, inhalable			Limit value	TMW 5A/10E mg/m ³ KZW 10A/20E mg/m ³ → 2x60 min (Miw).
Remark:				
TWG daily mean value				
KZW short time values				
A alveolar fraction				
E inhalable fraction				
Miw mean value				
Additional information:				
The lists are valid during the making were used as basis				
Exposure control				
General protective and hygiene measures				
Follow the general protection measures for handling chemicals. Do not eat or drink during work. Wash your hands before the breaks and after the completing the tasks. Keep away from food and beverages. Avoid contact with eyes and skin.				
Respiratory protection				
Use dusk masks in dusty or insufficiently ventilated condition.				
Skin protection				
Wear protective gloves if exposed to prolonged or repeated contact.				
Suitable glove type				
It is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves				
Eye protection				
In case of possible product spills / splashes use protective glasses with side protection.				
Personal protection				
Protecting work clothing				

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9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state	Powder
Colour	beige - light grey

Odour

neutral

pH-Value

Value of suspension	Approx. $\geq 11,5$
Reference temperature	20 ° C

Change in condition

Melting point/ Melting range:	not applicable
Boiling point/ Boiling range:	not applicable
Flash point:	not applicable
Flammability:	not applicable
Self-igniting:	Product is not self-igniting
Danger of explosion	Product is not explosive

Decomposition temperature

to CaSO ₄ and H ₂ O	starting at app. 140 °C
to CaO and SO ₃	starting at app. 1000 °C

Bulk density

Value	Approx. 750 kg/m ³
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Solubility in water

Dry powder product: slightly soluble	Approx. 8 g/l
Dry set product: slightly soluble	Approx. 2 g/l

Other information

No additional information available

10 Stability and reactivity

Reactivity

No further relevant information available

Chemical stability

Thermal decomposition/ conditions to be avoided

No decomposition if used and stored according to the specifications
Avoid humid conditions

Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

Conditions to avoid

none under recommended storage and handling conditions (see section 7)

Incompatible materials

None known.

Hazardous decomposition products

No dangerous decomposition products known

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11 Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

The mixture is not acute toxic according to the evaluation of data for calcium sulphate and calcium dihydroxide

Primary irritant effect

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

The result of a study on the mixture of calcium sulphate and calcium dihydroxide does not result skin corrosion/irritation.

Remark: Frequent or prolonged exposure, eventually strengthened by mechanically effects, could lead to skin irritation.

Serious eye irritation:

As a result of studies (in vivo, rabbit) calcium dihydroxide causes serious eye damage (H318 – Causes serious eye damage). (Calculation based on the concentrations of the ingredients.)

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

The mixture is not a skin / respiratory sensitizer according to the data on calcium sulphate and calcium dihydroxide.

Additional toxicological information

Non-toxic

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Carcinogenicity:

Based on available data, the classification criteria are not met

Reproductive toxicity:

Based on available data, the classification criteria are not met

STOT single exposure:

Based on available data, the classification criteria are not met

STOT repeated exposure:

Based on available data, the classification criteria are not met

Aspiration hazard:

Based on available data, the classification criteria are not met

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12 Ecological information

Toxicity

Aquatic toxicity

No further relevant information available

Persistence and degradability

No further relevant information available

Bioaccumulative potential

No further relevant information available

Mobility in soil

Water soluble solid.

Natural component in solids.

If product enters soil, it will be mobile and may contaminate groundwater.

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

Additional ecological information:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Other adverse effects

No further relevant information available

13 Disposal considerations

Waste treatment methods

Product:

Waste disposal according to official regulations

List of proposed waste codes/waste designations in accordance with EWC

17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

1708 gypsum-based construction material	170802 gypsum-based construction materials other than those mentioned in 170801
17 09 other construction and demolition waste	170904 mixed construction and demolition wastes other than those mentioned in 170901, 170902 und 170903

Remark: The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Packaging

Non-contaminated packages may be recycled.

P501: Dispose of contents/container according to national legislation

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14 Transport information

Not a dangerous good according to the regulations ADR (agreement concerning the international carriage of dangerous goods by road), IMDG (transport of dangerous goods by waterways – International Maritime Dangerous Goods) and IATA (transport of dangerous goods by air).

UN number ADR, IMDG, IATA:	void
UN proper shipping name ADR, IMDG, IATA	void
Transport hazard class ADR, IMDG, IATA class:	void
Packaging group ADR, IMDG, IATA:	void
Environmental hazards:	not applicable
Special precautions for users:	not applicable
Transport in bulk according to ANEX II of MARPOL 73/78 and the IBC Code	not applicable
UN "Model Regulation":	-

15 Regulatory information

Safety, health and environment regulations / legislation specific for the substance

Chemical Safety Assessment:

The chemical safety assessments on the substances calcium sulphate and calcium dihydroxide have been considered for this data sheet.

National regulations:

Germany

Water hazard class (acc. To German law):
WGK 1, slightly water hazardous (Classification acc. To wVwS, Annex 4)

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16 Other information

Indication of changes

Safety data sheet acc. 1907/2006/EG; Annex II, as amended (EU 2015/830)

Relevant H-Statements (number and full text)

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Relevant P-statements (number and full text)

P102: Keep out of reach of children

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P310 Immediately call a POISON CENTER or doctor/physician.

P 302+P 352: IF ON SKIN: Wash with plenty of water with soap.

P501: Dispose of contents/container according to national legislation.

Department issuing MSDS:

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