

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.02.2022

Version number 1

Revision: 16.02.2022

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

1.1 Product identifier

Trade name **Rigips Rimano 6-30**

Safety data sheet no.: XXP016333

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

No further relevant information available.

Application of the substance / the mixture

Gypsum plaster
Internal plaster

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Austria GmbH
Wiener Neustaedterstrasse 63
A-2734 Puchberg
Austria
Phone: +43 (0)2636 2203-0

Labor.Puchberg@saint-gobain.com

1.4 Emergency telephone number:

Vergiftungsinformationszentrale Wien
(Poison Centre Vienna)
Tel. +43 / 1 / 406 43 43

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05

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Signal word Danger

Hazard-determining components of labelling:

calcium dihydroxide

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 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/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards Dust in high concentration can irritate the respiratory system.

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:

CAS: 7778-18-9 EINECS: 231-900-3 Reg.nr.: 01-2119444918-26-xxxx	calcium sulphate, different hydrate levels CaSO ₄ x n H ₂ O (n = 0; 1/2; 2) substance with a Community workplace exposure limit	75-100%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45-xxxx	calcium dihydroxide ☞ Eye Dam. 1, H318; ☞ Skin Irrit. 2, H315; STOT SE 3, H335	10-20%
CAS: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	5-10%
CAS: 93763-70-3 EC number: 618-970-4	Perlite substance with a Community workplace exposure limit	1-2%

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

The product is not combustible.

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Ensure adequate ventilation.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of dust.
Avoid contact with skin and eyes.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in dry conditions.
Protect from humidity and water.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)		
Oral	Derived No Effect Level	1.52 mg/kgxday (consumer systemic long term value) 11.4 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	21.17 mg/m ³ (worker systemic long term value) 5,082 mg/m ³ (worker systemic short term value) 5.29 mg/m ³ (consumer systemic long term value) 3,811 mg/m ³ (consumer systemic short term value)
CAS: 1305-62-0 calcium dihydroxide		
Inhalative	Derived No Effect Level	4 mg/m ³ (worker local short term value) 1 mg/m ³ (worker local long term value) 1 mg/m ³ (consumer local long term value) 4 mg/m ³ (consumer local short term value)
CAS: 471-34-1 calcium carbonate		
Inhalative	Derived No Effect Level	6.36 mg/m ³ (worker local long term value) 1.06 mg/m ³ (consumer local long term value)
PNECs		
CAS: 1305-62-0 calcium dihydroxide		
	Predicted No-Effect Concentration	9.32 mg/l (sea water rating factor) 0.49 mg/l (fresh water rating factor)

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CAS No.	Designation of material	%	Type	Value	Unit
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)					
AGW (Germany)	Long-term value: 6 A mg/m ³ DFG				
LEP (Spain)	Long-term value: 10 mg/m ³ e				
TWA (Italy)	Long-term value: 10 mg/m ³ (i)				
VLE (Portugal)	Long-term value: 10 mg/m ³ Fração inalável; Sintomas nasais				
CAS: 1305-62-0 calcium dihydroxide					
IOELV (European Union)	Short-term value: 4 mg/m ³ Long-term value: 1 mg/m ³ Respirable fraction				
AGW (Germany)	Long-term value: 1E mg/m ³ 2(I);Y, EU, DFG				
GV (Denmark)	Long-term value: 5 1* mg/m ³ E; *respirabel fraktion				
LEP (Spain)	Long-term value: 4 mg/m ³ , 1 ppm fracción resp., VLI, d				
TWA (Italy)	Long-term value: 5 mg/m ³				
VL (Italy)	Short-term value: 4* mg/m ³ Long-term value: 1* mg/m ³ *frazione toracica				
VLE (Portugal)	Long-term value: 5 mg/m ³ Irritação ocular, do TRS, cutânea				
OEL (Sweden)	Short-term value: 4 mg/m ³ Long-term value: 1 mg/m ³				
HTP (Finland)	Short-term value: 4 mg/m ³ Long-term value: 1 mg/m ³				
CAS: 471-34-1 calcium carbonate					
LEP (Spain)	Long-term value: 10 mg/m ³				
TWA (Italy)	Long-term value: (10) mg/m ³ (e)				
VLE (Portugal)	Long-term value: (10) mg/m ³ (Irritação)				
CAS: 93763-70-3 Perlite					
LEP (Spain)	Long-term value: 10 mg/m ³ e				
TWA (Italy)	Long-term value: (10) mg/m ³ (A4 (e))				
VLE (Portugal)	Long-term value: 10 mg/m ³ A4; Irritacao				

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Additional Occupational Exposure Limit Values for possible hazards during processing:

Total inhalable dust: 10 mg/m³

Respirable dust (< 5 µm): 4 mg/m³

Additional information:

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection Protective gloves.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Eye/face protection Tightly sealed goggles

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:	Light grey
Odour:	Nearly odourless
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Not applicable
Flammability	Product is not flammable.
Lower and upper explosion limit	
Lower:	Not applicable
Upper:	Not applicable
Flash point:	Not applicable
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	>11.5
Viscosity:	
Kinematic viscosity dynamic:	Not applicable.

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Solubility

Water: Soluble
Hardens when in contact with water.

Partition coefficient n-octanol/water (log value) Not determined.

Vapour pressure: Not applicable.

Density and/or relative density

Density: Not applicable.

Relative density Not determined.

Bulk density: 750 kg/m³

Vapour density Not applicable.

Particle characteristics See item 3.

9.2 Other information

None.

Appearance:

Form: Powder

Important information on protection of health and environment, and on safety.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

EU-VOC (%) 0.0000 %

EU-VOC (g/L) 0.0000 g/l

Solids content: 100.0 %

Change in condition

Softening point/range

Oxidising properties Not determined.

Evaporation rate Not applicable.

Information with regard to physical hazard classes

Explosives Void

Flammable gases Void

Aerosols Void

Oxidising gases Void

Gases under pressure Void

Flammable liquids Void

Flammable solids Void

Self-reactive substances and mixtures Void

Pyrophoric liquids Void

Pyrophoric solids Void

Self-heating substances and mixtures Void

Substances and mixtures, which emit flammable gases in contact with water Void

Oxidising liquids Void

Oxidising solids Void

Organic peroxides Void

Corrosive to metals Void

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Desensitised explosives

Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid

Avoid water ingress/moisture during storage (the product will react with moisture and harden).

Minimize exposure to air and moisture to avoid a loss of product quality.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)			
Oral	LD50	>2,000 mg/kg	(Rat)
CAS: 1305-62-0 calcium dihydroxide			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,500 mg/kg	(Rabbit)
CAS: 471-34-1 calcium carbonate			
Oral	LD50	6,450 mg/kg	(Rat)
Dermal	LD50	6,450 mg/kg	(Rat)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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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11.2 Information on other hazards
Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: Not classified as harmful to aquatic life

Type of test Effective concentration Method Assessment
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)

LC50/48h	>79 mg/l (Daphnia magna)
LC50/96h	>79 mg/l (Oryzias latipes (Japanese medaka))
EC50/72h	>79 mg/l (Selenastrum capricornutum (Green algae))

CAS: 1305-62-0 calcium dihydroxide

LC50/96h	158 mg/l (Daphnia magna) >50.6 mg/l (Fish)
EC50/48h	49.1 mg/l (Daphnia magna)
EC50/72h	184.57 mg/l (Algae)
NOEC (14d)	32 mg/l (Daphnia magna)

CAS: 471-34-1 calcium carbonate

EC50/72h	14 mg/l (Algae)
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12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects
Remark:

The product contains substances which causes severe clouding in water

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

Behaviour in sewage processing plants:
Type of test Effective concentration Method Assessment
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)

EC 50 (3h)	>1,000 mg/l (Activated sludge)
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CAS: 1305-62-0 calcium dihydroxide

EC 50 (3h)	300.4 mg/l (Activated sludge)
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Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Product hardens after adding water after 5 to 6 hours and can then be disposed of as building rubbish.
Possible waste code 17 09 04.

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
HP4	Irritant - skin irritation and eye damage

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Thoroughly shake out sacks.

SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

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SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Directive 2004/42/CE (VOC), cf. section 9

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Department issuing SDS: Labor Puchberg

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Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* Data compared to the previous version altered.

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.