

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier****Trade name:****HASIT PI 805 KALSIT IN**

Kalk-Innenanstrich

Relevant identified uses of the substance or mixture and uses advised against**Life cycle stages**

C/PW Consumer use / Widespread use by professional workers

Sector of Use

SU19 Building and construction work

Product category

PC9a Coatings and paints, thinners, paint removers

Process category

PROC10 Roller application or brushing

PROC11 Non industrial spraying

PROC19 Manual activities involving hand contact

Environmental release category

ERC10a / ERC11a Widespread use of articles with low release

Article category

AC0 Other

Application of the substance / the preparation

Dispersion paint/ Latex paint - Product for an industrial, technical and private use for coating building surfaces. For all other uses is advised against/ not recommended.

Details of the supplier of the safety data sheet**Manufacturer/Supplier:**HASIT Trockenmörtel GmbH
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85356 Freising
Germany

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Product Safety Department (Mon-Thu 8 a.m. - 4 p.m., Fri 8 a.m. - 12 p.m.)

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klaus.ritter@fixit-gruppe.com

Emergency telephone number

National poisons information centre: +44/(0)171 - 635 9191

National Health Service: 111

European emergency call: 112

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SECTION 2: Hazards identification

Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Additional information:

The classification in terms of skin and eye irritation is based on the results of animal studies, see section 16 literature [4], [11] and [12].

Label elements

GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms



GHS05

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.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

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

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in keeping with local and national regulations.

Additional information:

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Information concerning particular hazards for human and environment:

May cause eye or skin irritation at sensitive persons.

Other hazards

No further relevant information available.

Results of PBT and vPvB assessment

PBT:

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

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vPvB:

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Chemical characterization: Substances

This product is a mixture.

Mixtures

Description:

Mixture of binder dispersion, fillers and nonhazardous additions

Dangerous components:

CAS: 1305-62-0 EINECS: 215-137-3 REACH: 01-2119475151-45	Calcium dihydroxide ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315:C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	5 - 10%
CAS: 13463-67-7 EINECS: 236-675-5 Index number:... 022-006-00-2 REACH: 01-2119489379-17	Titanium dioxide (<1% particles ≤ 10µm, Note 10)	1 - 2.5%
CAS: 14808-60-7 EINECS: 238-878-4 REACH: 1	Silicon dioxide (fine dust) Consisting of: 14808-60-7 Quartz (SiO ₂); 14464-46-1 Cristobalite; 15468-32-3 Tridymite ☠ STOT RE 1, H372 Specific concentration limits: STOT RE 1;H372: C ≥ 10 % STOT RE 2; H373: 1 % ≤ C < 10 %	1 - 2.5%
CAS: 1314-13-2 EINECS: 215-222-5 Index number:... 030-013-00-7 REACH: 01-2119463881-32	Zinc oxide ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥ 0.025 - < 0.25%

Other components (>20%):

CAS: 7732-18-5 EINECS: 231-791-2 REACH: 1	Water	25 - 50%
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Additional information:

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

Note 10 (EU 2020/217): The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

¹ Not subject to registration in accordance with EC 1907/2006 Annex V (point 7) or Article 2.

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SECTION 4: First aid measures**Description of first aid measures**

First aid

General information:

For first responder no special personal protective equipment is required. First responder should avoid contact with the product.

After inhalation:

Take affected persons into fresh air and keep quiet. Seek medical treatment in case of complaints. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Immediately remove all soiled and contaminated clothing. Wash contaminated clothes before reuse. Clean contaminated shoes before reuse. If skin irritation continues, consult a doctor.

After eye contact:

Do not rub eyes because additional damage to eyes can be caused by mechanical stress. If necessary, remove contact lenses and flush the eye immediately while holding eyelids open to water for at least 20 minutes. If possible, isotonic eyewash solution (e. g. 0,9% NaCl). Always consult an occupational physician or ophthalmologist.

After swallowing:

Do not induce vomiting. If conscious rinse mouth with water and drink plenty of water. Consult a physician or poison control center.

Most important symptoms and effects, both acute and delayed

Symptoms and effects are described in section 2 and 11.

Eye contact with the product may cause serious and potentially permanent damage.

Hazards:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

If a physician is to be consulted, as per possibility he should be presented this safety data sheet.

SECTION 5: Firefighting measures**Extinguishing media**

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

Suitable extinguishing agents:

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

Special hazards arising from the substance or mixture

This product is neither explosive nor flammable, and non-oxidizing with other materials. Particular danger of slipping on leaked/spilled product.

Advice for firefighters

No special measures required. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation, eye and skin contact. If appropriate, reference must be made to exposure controls and personal protection (see section 8).

Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

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.

SECTION 7: Handling and storage

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities / Water for cleaning yes and skin should be available. Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Do not eat, drink, smoke or sniff while working.

Information about fire - and explosion protection:

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Keep out of reach of children. Store in cool, dry place in tightly closed receptacles. Do not use light alloy receptacles.

Information about storage in one common storage facility:

Keep away from foodstuffs, beverages and feed.

Further information about storage conditions:

Protect from frost. Protect from heat and direct sunlight.

Minimum storage life:

Minimum storage life (+5°C up to 25°C): See indication on package.

Storage class: 12

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

1305-62-0 Calcium dihydroxide

WEL (Great Britain)	Short-term value: 4* mg/m ³
	Long-term value: 5 1* mg/m ³ *resprable fraction

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Safety data sheet
according to UK REACH



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IOELV (EU)	Short-term value: 4 mg/m ³ Long-term value: 1 mg/m ³ Respirable fraction
13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)	
WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
14808-60-7 Silicon dioxide (fine dust)	
BOELV (EU)	Long-term value: 0.1* mg/m ³ *respirable fraction

DNELs

1305-62-0 Calcium dihydroxide

Inhalative	Systemic - Long term exposure	1 mg/m ³ (Consumer) 1 mg/m ³ (Employee)
	Systemic - Short term exposure	4 mg/m ³ (Consumer) 4 mg/m ³ (Employee)

13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)

Oral	Long term exposure	700 mg/kg bw/d (Consumer)
Inhalative	Systemic - Long term exposure	10 mg/m ³ (Employee)

1314-13-2 Zinc oxide

Oral	Long term exposure	0.83 mg/kg bw/d (Consumer)
Dermal	Systemic - Long term exposure	83 mg/kg bw/d (Consumer) 83 mg/kg bw/d (Employee)
	Systemic - Long term exposure	2.5 mg/m ³ (Consumer) 5 mg/m ³ (Employee)

PNECs

13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)

Freshwater	0.127 mg/l
Marine water	1 mg/l
Soil	> 100 mg/kg
Sediments (Freshwater)	> 1,000 mg/kg
Sediments (Marine water)	100 mg/kg
Sewage plant	100 mg/l

1314-13-2 Zinc oxide

Freshwater	0.0206 mg/l (not specified)
Marine water	0.0061 mg/l (not specified)
Soil	35.6 mg/kg (not specified)
Sediments (Freshwater)	117.8 mg/kg (not specified)
Sediments (Marine water)	56.5 mg/kg (not specified)
Sewage plant	0.1 mg/l (not specified)

Ingredients with biological limit values:

Void

Additional information:

The lists valid during the making were used as basis.

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Information about design of technical facilities

No further data; see item 7.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Remove contaminated clothing immediately and thoroughly clean it before using it again. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection. Ensure that washing facilities are available at the work place.

Respiratory protection:

Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)

Hand protection:

Hand protection: Chemical resistant protective gloves according EN ISO 374

Wear waterproof, abrasion and alkali-resistant protective gloves with CE marking. leather gloves are not suitable on the basis of their water permeability and can release chromate-containing compounds.

Material of gloves:

When preparing and processing the ready-mix, no chemical-resistant gloves (Cat. III) are necessary. Studies have shown that nitrilge-soaked cotton gloves (layer thickness about 0.15 mm) offer over a period of 480 min adequate protection. Change damp gloves. Keep gloves ready for change.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Polychloroprene (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Nitrile rubber (material thickness ≥ 0.35 mm ; breakthrough time ≥ 480 min.)

Butyl rubber (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Fluororubber (material thickness ≥ 0.4 mm ; breakthrough time ≥ 480 min.)

Neoprene (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Not suitable are gloves made of the following materials:

Non-liquid-tight gloves made of fabric, leather or similar materials.

Eye/face protection:

In case of splash risk use tightly fitting safety goggles according to EN 166.

Body protection:

Wear closed long-sleeved clothing and tight shoes. If contact with fresh mortar is unavoidable, the protective clothing should also be waterproof. Make sure that no fresh mortar from above gets into the shoes or boots.

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Risk management measures:

An operator training/guidance in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

Environmental exposure controls

Do not allow product to reach water because an increase of pH may be caused. Ecotoxicological effects may occur when the pH-value is above 9. National regulations for waste water and groundwater are to be observed.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Physical state	Fluid
Appearance:	
Form:	Pasty
Colour:	Whitish
Odour:	Mild
Odour threshold:	Not safety relevant
pH at 20 °C (68 °F)	9 - 11
Change in condition	
Melting point/freezing point:	~ 0 °C (~ 32 °F) (ISO 3016)
Boiling point or initial boiling point and boiling range	100 °C (212 °F)
Flammability	Product is not flammable.
Flash point:	Not applicable
Oxidising properties:	None
Explosive properties:	Product does not present an explosion hazard.
Ignition temperature:	Product is not selfigniting.
Vapour pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density and/or relative density	
Density at 20 °C (68 °F):	1.6 - 1.8 g/cm ³ (13.35 - 15.02 lbs/gal)
Particle size	
Viscosity:	
Dynamic at 20 °C (68 °F):	> 1,000 mPas (DIN 53019)
Solubility	
Water:	Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined
Solids content:	56 - 60 %
Solvent content:	
Organic solvents:	< 0.0 %
VOC without water (EC):	0.15 - < 0.22 g/l
VOC with water (EC):	0.05 g/l
VOC with water (EC):	< 0.003 %

Other information

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void

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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
Desensitised explosives	Void

SECTION 10: Stability and reactivity

Reactivity

No dangerous reactions known (see 10.5).

Chemical stability:

The product is stable as long as it is stored properly and dry.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known (see 10.5).

Conditions to avoid

No further relevant information available.

Incompatible materials

Reacts exothermically with acids. The wet product is alkaline and reacts with acids, ammonium salts and base metals e.g. aluminum, zinc or brass. The reaction with base metals produces hydrogen.

Hazardous decomposition products

No decomposition if used and stored according to specifications.

Minimum storage life:

Minimum storage life (+5°C up to 25°C): See indication on package.

Additional information:

No further relevant information available.

SECTION 11: Toxicological information

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

Acute toxicity:

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

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LD/LC50 values relevant for classification:

1305-62-0 Calcium dihydroxide

Oral	LD ₅₀	7,340 mg/kg (Rat) (OECD 425) > 2,500 mg/kg (Rabbit) (OECD 402)
Dermal	LD ₅₀	> 2,500 mg/kg (Rabbit) (OECD 402)

13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)

Oral	LD ₅₀	> 5,000 mg/kg (Rat) (OECD 425)
	Carcinogenicity	(Mouse) (ECHA Registration dossier) no effects observed
Dermal	LD ₅₀	> 5,000 mg/kg (Rabbit)

14808-60-7 Silicon dioxide (fine dust)

Oral	LD ₅₀	> 5,000 mg/kg (Rat)
Dermal	LD ₅₀	> 5,000 mg/kg (Rat)

1314-13-2 Zinc oxide

Oral	LD ₅₀	> 5,000 mg/kg (Rat) (OECD 401)
	Carcinogenicity	(Mouse) not carcinogenic
Dermal	LD ₅₀	> 2,000 mg/kg (Rat) (OECD 402)
Inhalative	LC ₅₀ (4h)	> 5.7 mg/l (Rat)

Other information (about experimental toxicology):

13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)

Oral	OECD 414 (Prenatal Developmental Toxicity)	(Rat) no effects observed
Irritation of skin	OECD 404 (skin)	(Rabbit) not corrosive
Irritation of eyes	OECD 405 (eye)	(Rabbit) not irritant
Sensitisation	OECD 429 (LLNA)	(Mouse) not sensitizing
	OECD 421 (Reproduction screening test)	(Rat) no effects observed

14808-60-7 Silicon dioxide (fine dust)

Irritation of skin	OECD 404 (skin)	(Rabbit) not irritant
Irritation of eyes	OECD 405 (eye)	(Rabbit) not irritant
Sensitisation	OECD 429 (LLNA)	(Mouse) not sensitizing

1314-13-2 Zinc oxide

Irritation of skin	OECD 404 (skin)	(Rabbit) not irritating
Irritation of eyes	OECD 405 (eye)	(Rabbit) not irritating
Sensitisation	OECD 406 (sensitization)	(Guinea pig) not sensitizing

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Primary irritant effect:**On the skin:**

Calcium dihydroxide is irritating to skin (in vivo, rabbit). As a result of studies of calcium dihydroxide is classified as irritating to skin (H315 - Causes skin irritation).
Causes skin irritation.

On the eye:

As a result of studies (in vivo, rabbit) calcium dihydroxide can cause serious eye damage (H318 - Causes serious eye damage).
Causes serious eye damage.

Practical experience

No further relevant information available.

General comments

See section 16 (literature and references).

Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

Toxicity**Aquatic toxicity:****1305-62-0 Calcium dihydroxide**

LC ₅₀ (96h Marine water)	457 mg/l (Fish) 158 mg/l (Invertebrate)
LC ₅₀ (96h Freshwater)	33.884 mg/l (African catfish - clarias gariepinus) 50.6 mg/l (Fish)
EC ₅₀ (48h)	49.1 mg/l (Invertebrate)
EC ₅₀ (72h)	184.57 mg/l (Algae)
NOEC (72h)	48 mg/l (Algae)
NOEC (14d)	32 mg/l (Invertebrate)
NOEC (21d)	1,080 mg/kg (General plants)
NOEC (96h)	56 mg/l (Guppy - poecilia reticulata)
EC ₁₀ /LC ₁₀ (NOEC)	12,000 mg/kg (Soil microorganisms) 2,000 mg/kg (Soil macroorganisms)

13463-67-7 Titanium dioxide (<1% particles ≤ 10µm, Note 10)

LC ₅₀ (48h)	5.5 mg/l (Water flea - daphnia magna)
LC ₅₀ (96h Marine water)	> 10,000 mg/l (Fish)
LC ₅₀ (96h Freshwater) (static)	> 100 mg/l (Goldfish) (OECD 203)
EC ₅₀ (48h)	> 1,000 mg/l (Water flea - daphnia magna) (ASTM Standard E729)
EC ₅₀ (72h)	5.83 mg/l (Algae - pseudokirchneriella subcapitata)
EC ₅₀ (3h)	> 1,000 mg/l (Activated sludge organisms) (OECD 209)
EC ₅₀ (7d)	> 100 mg/l (Lemna minor) (OECD 221)
NOEC (48h)	1 mg/l (Water flea - daphnia magna)

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NOEC (21d)	> 10 mg/kg (Water flea - daphnia magna) (OECD 202)
NOEC (28d) (static)	> 100 mg/l (Chironomus riparius) (OECD 219)
	Soil
NOEC (32d)	> 1 mg/l (Algae - scenedesmus quadricauda)
NOEC (8d)	> 1,000 mg/l (Zebrafish - danio rerio) (OECD 212)
1314-13-2 Zinc oxide	
LC ₅₀ (96h)	0.14 mg/l (Rainbow trout - oncorhynchus mykiss)
EC ₅₀ (48h)	0.17 mg/l (Water flea - daphnia)
EC ₅₀ (72h)	170 mg/l (Algae - selenastrum capricornutum)
IC ₅₀ (72h)	0.14 mg/l (Algae - selenastrum capricornutum)

Persistence and degradability

Anorganic product, is not removable from water by biological cleaning process

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment**PBT:**

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

vPvB:

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties

This substance/mixture does not contain components with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentrations of 0.1% or higher.

Other adverse effects

No further relevant information available.

Literature

See section 16 (literature and references).

Ecotoxicological effects:

No further relevant information available.

Behaviour in sewage processing plants:

No further relevant information available.

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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

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SECTION 13: Disposal considerations

Waste treatment methods

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Risk of environmental pollution. Follow the applicable regulations on waste disposal. Keep unused products and contaminated packaging sealed. Provide containers for waste collection. Hand over for disposal to a specialist company authorised to carry out such activities. Prevent the product from being released into the environment. Do not allow the product to enter the sewage system. Must not be disposed of with municipal waste. Empty containers can be utilised for energy recovery in a waste incineration plant or, if classified accordingly, collected at a landfill site. Perfectly cleaned packaging can be recycled.

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

European waste catalogue	
03 03 09	Lime mud waste
15 01 02	Plastic packaging
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

15 01 02 for the completely emptied packaging

Uncleaned packaging

Recommendation:

Disposal must be made according to official regulations.
Recycle only completely emptied packaging.

SECTION 14: Transport information

UN number or ID number ADR, ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards Marine pollutant:	No
Special precautions for user	Not applicable

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Maritime transport in bulk according to IMO instruments	Not applicable
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UN "Model Regulation":	Void
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SECTION 15: Regulatory information

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

Poisons Act**Regulated explosives precursors**

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

1310-58-3	Potassium hydroxide	17% of total caustic alkalinity
1310-73-2	Sodium hydroxide	12% of total caustic alkalinity

GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms

GHS05

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.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/attention.

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

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

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in keeping with local and national regulations.

Directive (EU) 2012/18**Named dangerous substances - ANNEX I :**

None of the ingredients is listed.

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Biozide ingredients (EU) 528/2012:

Data based on recipe and information on the raw materials from the supply chain.

1,2-benzisothiazol-3(2H)-one	< 0.0015%
2-Bromo-2-nitropropane-1,3-diol	< 0.0015%
2-Methyl-2H-isothiazol-3-one	< 0.00015%

Classification according (EU) 2004/42:

IIA(a) 30 - This product contains < 30 g/l VOC (see chapter 9)

IIA(c) 40 - this product contains < 40 g/l VOC (see chapter 9)

Other regulations, limitations and prohibitive regulations:

·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 (UK REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (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

·Commission Regulation (EU) No 878/2020 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK REACH)

·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

·Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste

·Regulation (EC) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Reasons for changes:

* Data compared to the previous version altered.

Relevant phrases:

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Literature and the data sources:

[2] Technische Regel für Gefahrstoffe „Arbeitsplatzgrenzwerte“, 2009, GMBI Nr.29 S.605.

[3] MEASE 1.02.01 Exposure assessment tool for metals and inorganic substances, EBRC Consulting GmbH für Eurometaux, 2010

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- [7] U.S. EPA, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 4th ed. EPA/600/4-90/027F, Environmental Monitoring and Support Laboratory, U.S. EPA, Cincinnati, OH (1993).
- [8] Environmental Impact of Construction and Repair Materials on Surface and Ground Waters. Summary of Methodology, Laboratory Results, and Model Development. NCHRP report 448, National Academy Press, Washington, D.C., 2001.
- [11] TNO report V8815/09, Evaluation of eye irritation potential of cement clinker G in vitro using the isolated chicken eye test, April 2010.
- [12] TNO report V8815/10, Evaluation of eye irritation potential of cement clinker W in vitro using the isolated chicken eye test, April 2010.
- [18] Anonymous, 2006: Tolerable upper intake levels for vitamins and minerals Scientific Committee on Food, European Food Safety Authority, ISBN: 92-9199-014-0 [SCF document]
- [19] Anonymous, 2008: Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL) for calcium oxide (CaO) and calcium dihydroxide (Ca(OH)₂), European Commission, DG Employment, Social Affairs and Equal Opportunities, SCOEL/SUM/137 February 2008

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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)

ICAO: International Civil Aviation Organisation

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulative properties

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

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

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

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Further information:

The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.