

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## DIE WEISSE

Revision date: 04/09/2024

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

#### 1.1. Product identifier

DIE WEISSE

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

##### Use of the substance/mixture

Primers

#### 1.3. Details of the supplier of the safety data sheet

Company name: CLAYTEC GmbH & Co. KG  
 Peter Breidenbach  
 Street: Nettetaler Straße 113-117  
 Place: D-41751 Viersen  
 E-mail (Contact person): service@claytec.com  
 Internet: claytec.de

#### 1.4. Emergency telephone number:

+49 2153 918-0 (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

#### 2.2. Label elements

##### Regulation (EC) No 1272/2008

##### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
1312-76-1	silicic acid, potassium salt MR > 3,9			5 - < 10 %
	215-199-1			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
13463-67-7	titanium dioxide < 10 µm			< 1 %
	236-675-5	022-006-00-2	01-2119489379-17	
	Carc. 2; H351			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
1312-76-1	215-199-1	silicic acid, potassium salt MR > 3,9	5 - < 10 %
	oral: LD50 = > 2000 mg/kg		

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**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice. If experiencing respiratory symptoms: Get medical advice/attention.

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**5.2. Special hazards arising from the substance or mixture**

Non-flammable.

In case of fire may be liberated: Pyrolysis products, toxic

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Chemical protection clothing.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Evacuate area.

**For non-emergency personnel**

Provide adequate ventilation. Use personal protection equipment.

**For emergency responders**

Wear personal protection equipment (refer to section 8).

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

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### For cleaning up

Wash with plenty of water.

### Other information

Clean contaminated articles and floor according to the environmental legislation.

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Do not breathe gas/fumes/vapour/spray. Use personal protection equipment.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Store in a well-ventilated place. Store in a dry place.

#### Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

#### Further information on storage conditions

Protect against: frost.

### 7.3. Specific end use(s)

Primers

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
-	Dusts non-specific, respirable	-	4		TWA (8 h)	
-	Dusts non-specific, total inhalable	-	10		TWA (8 h)	
1317-65-3	Limestone, respirable dust	-	4		TWA (8 h)	
1317-65-3	Limestone, total inhalable dust	-	10		TWA (8 h)	
13463-67-7	Titanium dioxide, respirable dust	-	4		TWA (8 h)	
13463-67-7	Titanium dioxide, total inhalable dust	-	10		TWA (8 h)	

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1317-65-3	Calciumcarbonate (limestone)			
	Worker DNEL, long-term	inhalation	systemic	6,36 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	systemic	1,06 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	6,1 mg/kg bw/day
1312-76-1	silicic acid, potassium salt MR > 3,9			
	Worker DNEL, long-term	inhalation	systemic	5,61 mg/m <sup>3</sup>
	Worker DNEL, long-term	dermal	systemic	1,49 mg/kg bw/day
	Consumer DNEL, long-term	oral	systemic	0,74 mg/kg bw/day

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### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
	DNEL type			
	Consumer DNEL, long-term	inhalation	systemic	1,38 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	0,74 mg/kg bw/day
13463-67-7	titanium dioxide (> 10 µm)			
	Worker DNEL, long-term	inhalation	local	0,170 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	0,028 mg/m <sup>3</sup>
13463-67-7	titanium dioxide < 10 µm			
	Worker DNEL, long-term	inhalation	local	1,25 mg/m <sup>3</sup>
	Consumer DNEL, long-term	inhalation	local	0,21 mg/m <sup>3</sup>

### PNEC values

CAS No	Substance	Value
	Environmental compartment	
1317-65-3	Calciumcarbonate (limestone)	
	Freshwater	100 mg/l
1312-76-1	silicic acid, potassium salt MR > 3,9	
	Freshwater	7,5 mg/l
	Freshwater (intermittent releases)	7,5 mg/l
	Marine water	1 mg/l
	Micro-organisms in sewage treatment plants (STP)	348 mg/l

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Use eye protection according to EN 166.

##### Hand protection

Wear suitable gloves tested to EN374.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.  
Respiratory protection necessary at: exceeding exposure limit values.

##### Thermal hazards

No information available.

##### Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: Liquid (Dispersion)

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Colour:	white	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		Non-flammable.
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not applicable
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		12
Viscosity / kinematic:		not determined
Water solubility:		miscible
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density:		not determined
Relative vapour density:		not determined
Particle characteristics:		not applicable

### 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

frost.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic

## 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.

#### ATE<sub>mix</sub> calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1312-76-1	silicic acid, potassium salt MR > 3,9				
	oral	LD50 > 2000 mg/kg	Rat	Manufacturer	

### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

### Sensitising effects

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

### Carcinogenic/mutagenic/toxic effects 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.

### Information on likely routes of exposure

Inhalation, Skin contact, Eye contact, oral.

## 11.2. Information on other hazards

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h][d]	Species	Source	Method
1312-76-1	silicic acid, potassium salt MR > 3,9					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	piscis		

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information available.

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## Further information

Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No information available.

### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Directive 2004/42/EC on VOC in paints and varnishes: < 0,1 %

Information according to Directive Not subject to 2012/18/EU (SEVESO III)

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2012/18/EU (SEVESO III):

### National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

### Additional information

Observe in addition any national regulations!

### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,11,12,15,16.

### Abbreviations and acronyms

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

Carc: Carcinogenicity

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

EU: European Union

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

REACH: Registration, Evaluation and Authorization of Chemicals

UN: United Nations

PBT: Persistent, Bioaccumulative, Toxic

SVHC: Substance of Very High Concern

vPvB: very Persistent, very Bioaccumulative

ATE: Acute Toxicity Estimates

BCF: Bio-Concentration Factor

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

VOC: Volatile Organic Compounds

DIN: Deutsches Institut für Normung e.V. (German Institute for Standardization)

EN: European Standard

ISO: International Organization for Standardization

IUCLID: International Uniform Chemical Information Database

LC50: Lethal Concentration, 50 %

LD50: Lethal Dose, 50 %

LL50: Lethal Loading, 50 %

OECD: Organisation for Economic Co-operation and Development

EC50: Effective Concentration 50 %

M-Faktor: Multiplication Factor

EL50: Effect Loading, 50 %

ErC50: Effective Concentration 50 %, growth rate

M-Faktor: Multiplication Factor

NOEC: No Observed Effect Concentration

ADN: Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

DGR: Dangerous Goods Regulations

EmS: Emergency Schedules

IATA: International Air Transport Association

IBC: Intermediate Bulk Container

ICAO: International Civil Aviation Organization

IE: Industrial Emissions

IMDG: International Maritime Code for Dangerous Goods

LQ: Limited Quantity

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

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MFAG: Medical First Aid Guide

RID: Regulations concerning the International carriage of Dangerous goods by rail

TI: Technical Instructions

### Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

### Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.
EUH210	Safety data sheet available on request.

### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*