

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 30.10.2022

Version number 1.0

Revision: 30.10.2022

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

#### 1.1 Product Identifier:

**Trade name: Gietaarde - Delft Clay - Delftse Gietaarde – Delfter Gießsand**

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

**Product category:** PC0 Other

**Application of the substance / the mixture:** Professional use only

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

**Manufacturer / Importer / Supplier:**

Bullnheimer & Co. GmbH & Co. KG

Im Tal 12

Germany

Tel.: +49 0821 80850 0

E-mail: [info@bullnheimer.de](mailto:info@bullnheimer.de)

[www.bullnheimer.de](http://www.bullnheimer.de)

**Further information obtainable from:**

**Emergency telephone number:**

+49 0821 80850 0

This telephone number can be reached during office hours.

### SECTION 2: Hazards identification

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

**Classification according to Regulation (EC) No 1272/2008:** The substance is not classified, according to the CLP regulation.

#### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### 2.3 Other hazards:

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

**CAS No. Description:**

Casting Clay

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**General information:**

Always consult a doctor in case of doubt or if symptoms persist.

Never give anything by mouth to an unconscious person.

**After inhalation:**

Remove the victim to fresh air and keep him/her at rest in a position that facilitates breathing.

Seek medical treatment in case of complaints.

**After skin contact:**

Generally the product does not irritate the skin.

Wash with (warm) water and soap.

**After eye contact:**

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

**After ingestion:**

Rinse mouth with plenty of water.

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If symptoms persist consult doctor.

**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:** Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:**

For this substance / mixture there are no limitations of extinguishing agents.

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

#### 5.3 Advice for firefighters:

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapor and contact with eyes, skin and clothing.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

#### 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.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling:

Use only in well ventilated areas (eg natural ventilation).

Do not eat, drink or smoke while working.

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

**7.2 Conditions for safe storage, including any incompatibilities:** Storage must comply with the local regulations.

#### Storage:

**Requirements to be met by storerooms and tanks:** Keep only in the original container tightly closed.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

**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:** Not required.

**Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Technical measures:** In case of dust development, sufficient extraction is necessary and possibly a vacuum cleaner.

**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.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Hand protection** Not required.

**Material of gloves:** Not required

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**Penetration time of glove material:** Not applicable.

**Eye/face protection**



Tightly sealed goggles

Use safety glasses that meets the requirements of EN 166; latest versions.

**Body protection:** Protective work clothing

**Environmental exposure controls** Prevent spills from reaching surface waters or soil.

### SECTION 9: Physical and chemical properties

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

##### General Information:

<b>Physical state</b>	Solid
<b>Colour:</b>	White - Gray
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not determined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Product is not flammable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable.
<b>Ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not applicable.
<b>Dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>Water:</b>	Insoluble.
<b>Refraction Index:</b>	
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	2.6 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not applicable.

#### 9.2 Other information:

##### Appearance:

**Form:** Powder

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

**Auto-ignition temperature:** Not determined.

**Explosive properties:** Product does not present an explosion hazard.

**Oxidizing properties:** Does not contain oxidizing properties.

**Congeaing Point**

**Evaporation rate:** Not applicable.

##### Information with regard to physical hazard classes

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void

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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

**10.1 Reactivity:** Stable under recommended conditions.

**10.2 Chemical stability:**

**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:** Thermal decomposition: >1500°C

**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.

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

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

**Respiratory or skin sensitization:** 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.

**Reprotoxicity:** 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.

**Additional toxicological information:**

**OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

Substance is not listed.

### SECTION 12: Ecological information

**12.1 Toxicity:**

**Aquatic toxicity:** No further relevant information available.

**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.

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### 12.5 Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects:

#### Additional ecological information:

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

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods:

**Recommendation:** Delivery of waste oil to officially authorised collectors only.

### Contaminated packaging:

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN number or ID number

**DOT, ADR/RID/ADN, IMDG, IATA** Void

### 14.2 UN proper shipping name:

**ADR/RID/ADN, IMDG, IATA** Void

### 14.3 Transport hazard class(es):

**DOT, ADR/RID/ADN, IMDG, IATA**

**Class** Void

### 14.4 Packing group:

**DOT, ADR/RID/ADN, 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.

**UN "Model Regulation":** Void

## SECTION 15: Regulatory information

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

Sara

#### Section 355 (extremely hazardous substances):

Substance is not listed.

#### Section 313 (Specific toxic chemical listings):

Substance is not listed.

#### Proposition 65

#### Chemicals known to cause cancer:

Substance is not listed.

#### Chemicals known to cause reproductive toxicity for females:

Substance is not listed.

#### Chemicals known to cause reproductive toxicity for males:

Substance is not listed.

#### Chemicals known to cause developmental toxicity:

Substance is not listed.

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### Carcinogenicity categories

<b>EPA (Environmental Protection Agency)</b>
Substance is not listed.
<b>TLV (Threshold Limit Value)</b>
Substance is not listed.
<b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
Substance is not listed.

### Directive 2012/18/EU:

**Named dangerous substances - ANNEX I:** Substance is not listed.

<b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b>
Substance is not listed.

### REGULATION (EU) 2019/1148

<b>Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))</b>
Substance is not listed.
<b>Annex II - REPORTABLE EXPLOSIVES PRECURSORS</b>
Substance is not listed.
<b>Regulation (EC) No 273/2004 on drug precursors</b>
Substance is not listed.
<b>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors</b>
Substance is not listed.

**National regulations:** Not applicable

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

## SECTION 16: Other information

**Training hints:** Take care of good information, instruction and training for users.

### Abbreviations and acronyms:

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

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

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

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

### References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

### Disclaimer:

The information provided in this Material Safety Data Sheet has been prepared with the utmost care and corresponds to the most recent information available to the supplier on the date of publication mentioned in the header of every page. The contents of this Material Safety Data Sheet should not be considered as a guarantee for certain product properties or fitness for particular purposes. It is the obligation of the user to determine whether the product is suitable for the specific purpose, intended use and the method of application. This Safety Data Sheet only relates to the product described and does not apply to any not defined

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use or the use of the product in combination with other materials, substances or products. It is the responsibility of the user to use and handle the product with care and to comply with all applicable laws and regulations. The supplier accepts no liability for direct or indirect damages resulting from improper use of this Material Safety Data Sheet and / or the products described therein.

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