

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.03.2021

Version number 1.02

Revision: 15.03.2021

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

- **1.1 Product identifier**
- Trade name: **PANTAQUICK C 100 (BE)**
- **Article number:** 0500
- **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** Construction chemicals
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Ha-Be Betonchemie GmbH  
Stuevestrasse 39  
31785 HAMELN, GERMANY
- **Further information obtainable from:** info@ha-be.com
- **1.4 Emergency telephone number:**  
0049 5151 587-0  
Only available during office hours.

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **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

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
calcium nitrate tetrahydrate
- **Hazard statements**  
H318 Causes serious eye damage.
- **Precautionary statements**  
P280 Wear 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.  
P310 Immediately call a POISON CENTER/doctor.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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(Contd. on page 2)

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(Contd. of page 1)

## SECTION 3: Composition/information on ingredients

### - 3.2 Chemical characterisation: Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

### - Dangerous components:

13477-34-4	calcium nitrate tetrahydrate	 Eye Dam. 1, H318	25-50%
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## SECTION 4: First aid measures

### - 4.1 Description of first aid measures

#### - After inhalation:

Supply fresh air.

Call a doctor immediately.

Supply fresh air; consult doctor in case of complaints.

Take affected persons into fresh air and keep quiet.

- **After skin contact:** Generally the product does not irritate the skin.

#### - After eye contact:

Seek immediate medical advice.

Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:** 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:

CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

### - 5.2 Special hazards arising from the substance or mixture

In case of fire, the following products can be released:

Nitrogen oxides (NO<sub>x</sub>)

### - 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

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective clothing.

### - 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

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

### - 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

- **6.4 Reference to other sections** See Section 8 for information on personal protection equipment.

GB

(Contd. on page 3)

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(Contd. of page 2)

## SECTION 7: Handling and storage

### - 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.  
 Ensure good ventilation/exhaustion at the workplace.  
 Prevent formation of aerosols.

- **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:** No special requirements.

- **Information about storage in one common storage facility:** Store away from reducing agents.

- **Further information about storage conditions:** None.

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

## SECTION 8: Exposure controls/personal protection

### - 8.1 Control parameters

- **Additional information about design of technical facilities:** No further data; see item 7.

### - Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### - DNELs

Exposure: Long term, dermal | Value: 13,9 mg/kg bw/day | Population: workers | Effects: systemic

Exposure: Long term, inhalation | Value: 24,5 mg/kg | Population: workers | Effects: systemic

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

### - 8.2 Exposure controls

#### - Personal protective equipment:

#### - General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

#### - Respiratory protection:

Filter B

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### - Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### - Material of gloves

Nitrile rubber, NBR

Natural rubber, NR

Neoprene 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### - 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.

(Contd. on page 4)

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Version number 1.02

Revision: 15.03.2021

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(Contd. of page 3)

- Eye protection:



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Fluid
Colour:	Colourless
- Odour:	Odourless
- Odour threshold:	Not determined.
- pH-value at 20 °C:	5.5

- Change in condition

Melting point/freezing point: -20--15 °C

Initial boiling point and boiling range: &gt;100 °C

- Flash point: Not applicable.

- Flammability (solid, gas): Not applicable.

- Decomposition temperature: Not determined.

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

- Explosion limits:

Lower: Not determined.

Upper: Not determined.

- Vapour pressure: Not determined.

- Density at 20 °C: 1.43 g/cm<sup>3</sup>

- Vapour density: Not determined.

- Evaporation rate: Not determined.

- Solubility in / Miscibility with water:

Partly miscible.

- Partition coefficient: n-octanol/water: Not determined.

- Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

- 9.2 Other information: No further relevant information available.

## SECTION 10: Stability and reactivity

- 10.1 Reactivity: No further relevant information available.

- 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: No further relevant information available.

- 10.5 Incompatible materials: No further relevant information available.

(Contd. on page 5)

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Trade name: **PANTAQUICK C 100 (BE)**- **10.6 Hazardous decomposition products:** Possible in traces.

(Contd. of page 4)

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**- **Acute toxicity** Based on available data, the classification criteria are not met.- **LD/LC50 values relevant for classification:**

Inhalative	LC50/4 h	1,378 mg/l (Fis) (OECD 203)
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- **Primary irritant effect:**- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.- **Serious eye damage/irritation**

Causes serious eye damage.

- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.- **Additional toxicological information:**- **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.

## SECTION 12: Ecological information

- **12.1 Toxicity**- **Aquatic toxicity:**

LC50 (96h) = 2,6 mg/L (Oncorhynchus mykiss) (ECHA)

EC50	>1,700 mg/kg (Alg) (Salt water)
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	490 mg/kg (daphnia) (Fresh water)
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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.- **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.

- **12.5 Results of PBT and vPvB assessment**- **PBT:** Not applicable.- **vPvB:** Not applicable.- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**- **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

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

- **Uncleaned packaging:**- **Recommendation:** Packaging may be reused or recycled after cleaning.

(Contd. on page 6)

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- Recommended cleansing agents: Water, if necessary together with cleaning agents.

(Contd. of page 5)

**SECTION 14: Transport information**

- 14.1 UN-Number
  - ADR, ADN, IMDG, IATA
  - 14.2 UN proper shipping name
  - ADR, ADN, IMDG, IATA
  - 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA
  - Class
  - 14.4 Packing group
  - ADR, IMDG, IATA
  - 14.5 Environmental hazards:
  - Marine pollutant:
  - 14.6 Special precautions for user
  - 14.7 Transport in bulk according to Annex II of  
Marpol and the IBC Code
  - Transport/Additional information:
  - UN "Model Regulation":
- |  |  |
|--|--|
| Void   |  |
| Void   |  |
| Void   |  |
| Void   |  |
| No   |  |
| Not applicable.                                      |  |
| Not applicable.                                      |  |
| Not dangerous according to the above specifications. |  |
| Void   |  |

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

- **Relevant phrases**  
H318 Causes serious eye damage.
- **Abbreviations and acronyms:**  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1