

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BLANCO DeepClean Ceramic\_Art.-Nr. 526 308**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Washing and cleaning products

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

|                         |                                       |                             |
|-------------------------|---------------------------------------|-----------------------------|
| Company name:           | PMS Thomin GmbH                       |                             |
| Street:                 | Meckesheimer Str. 7/1                 |                             |
| Place:                  | D-74939 Zuzenhausen                   |                             |
| Telephone:              | +49(0)6226-789330                     | Telefax: +49(0)6226-7893399 |
| e-mail:                 | info@pms-thomin.de                    |                             |
| Internet:               | www.pms-thomin.de                     |                             |
| Responsible Department: | Frau Baschleben-Thomin                |                             |
|                         | +49(0)6226-7893366                    |                             |
|                         | heike.baschleben-thomin@pms-thomin.de |                             |
|                         | während der Arbeitszeit erreichbar    |                             |

**Supplier**

|               |                       |
|---------------|-----------------------|
| Company name: | BLANCO GmbH + Co KG   |
| Street:       | Flehinger Str. 59     |
| Place:        | D-75038 Oberderdingen |
| Telephone:    | +49 (0)7045 44-81419  |
| e-mail:       | service@blanco.de     |

**1.4. Emergency telephone number:**

Giftnotrufnummer: +49(0)160-92250872 (24 h erreichbar)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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|                |  |
|----------------|--|
| 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. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |

### 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

#### Hazardous components

| CAS No     | Chemical name                        |          |                  | Quantity |
|------------|--------------------------------------|----------|------------------|----------|
|            | EC No                                | Index No | REACH No         |          |
|            | GHS Classification                   |          |                  |          |
| 37247-91-9 | Calcium magnesium oxide              |          |                  | < 5%     |
|            | 253-425-0                            |          | 05-2114520714-55 |          |
|            | Skin Irrit. 2, Eye Dam. 1; H315 H318 |          |                  |          |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Do not breathe dust. Avoid contact with eyes.

#### After inhalation

Following inhalation: Move victim to fresh air. Consult physician.

#### After contact with skin

After contact with skin, wash immediately with: Water. In case of skin irritation, consult a physician.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Consult physician.

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

Irritating to eyes and skin. Corrosive to the respiratory tract.

### 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

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

Water. Violent reaction with: Water.

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

No information available.

### 5.3. Advice for firefighters

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

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**Additional information**

Keep/Store away from combustible materials.

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

Put on protection equipment and keep away unprotected persons.

Avoid contact with skin, eyes and clothes. Do not breathe dust. Avoid dust formation.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Damaging effect by pH moving.

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

Take up carefully when dry. Take up mechanically, placing in appropriate containers for disposal.

**6.4. Reference to other sections**

Information for safe handling see chapter 7.

Information for personal protective equipment see Chapter 8.

Information on personal protective equipment see Chapter 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed and in a well-ventilated place.

**Advice on protection against fire and explosion**

No special precautionary measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. If handled uncovered, arrangements with local exhaust ventilation have to be used.

**Hints on joint storage**

Do not store together with: Acid.

**Further information on storage conditions**

No information available.

**7.3. Specific end use(s)**

Cleaning powder „Wiener Kalk“

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Do not breathe dust.

**Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes.

**Eye/face protection**

Tightly sealed safety glasses.

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#### Hand protection

Tested protective gloves are to be worn:

Suitable material: PVC (Polyvinyl chloride). NR (Natural rubber (Caoutchouc), Natural latex). CR (polychloroprenes, Chloroprene rubber). NBR (Nitrile rubber). FKM (fluororubber).

Breakthrough times and swelling characteristics of the material must be taken into consideration.

#### Skin protection

Body protection: not required.

#### Respiratory protection

Respiratory protection necessary at: In the case of the formation of dust. particulates filter device (DIN EN 143). Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).

### SECTION 9: Physical and chemical properties

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

|                      |           |
|----------------------|-----------|
| Physical state:      | Powder    |
| Colour:              | white     |
| Odour:               | odourless |
| pH-Value (at 20 °C): | 10,0 (1%) |

#### Changes in the physical state

|  |              |
|--|--------------|
| Melting point:                           | 2570 °C      |
| Initial boiling point and boiling range: | not relevant |
| Sublimation point:                       | 2580 °C      |
| Softening point:                         | not relevant |
| Flash point:                             | not relevant |

#### Flammability

|        |              |
|--------|--------------|
| Solid: | not relevant |
| Gas:   | not relevant |

#### Explosive properties

not relevant

|                         |              |
|-------------------------|--------------|
| Lower explosion limits: | not relevant |
| Upper explosion limits: | not relevant |
| Ignition temperature:   | not relevant |

#### Auto-ignition temperature

|        |                |
|--------|----------------|
| Solid: | not determined |
| Gas:   | not determined |

#### Oxidizing properties

not oxidizing.

|                                 |                 |
|---------------------------------|-----------------|
| Vapour pressure:                | not relevant    |
| Vapour pressure:                | not relevant    |
| Density (at 20 °C):             | 3,5 g/cm³       |
| Water solubility:<br>(at 20 °C) | 1650 (CaOH) g/L |
| Viscosity / dynamic:            | Not applicable. |
| Viscosity / kinematic:          | Not applicable. |

#### 9.2. Other information

|                |     |
|----------------|-----|
| Solid content: | 100 |
|----------------|-----|

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### SECTION 10: Stability and reactivity

#### **10.1. Reactivity**

Reacts violently with water.

#### **10.2. Chemical stability**

Protect from moisture.

#### **10.3. Possibility of hazardous reactions**

Exothermic reactions with: acid.

#### **10.4. Conditions to avoid**

No decomposition at storage as agreed and handling. Protect from moisture.

#### **10.5. Incompatible materials**

Materials to avoid: Water. Acid.

#### **10.6. Hazardous decomposition products**

No dangerous reactions at a correct storage and handling.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Toxicokinetics, metabolism and distribution**

No information available.

##### **Acute toxicity**

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

No information available.

| CAS No     | Chemical name           |                  |         |          |        |
|------------|-------------------------|------------------|---------|----------|--------|
|            | Exposure route          | Dose             | Species | Source   | Method |
| 37247-91-9 | Calcium magnesium oxide |                  |         |          |        |
|            | oral                    | LD50 >2000 mg/kg | rat     | OECD 425 |        |

##### **Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/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**

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.

##### **Specific effects in experiment on an animal**

No information available.

### SECTION 12: Ecological information

#### **12.1. Toxicity**

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No information available.

| CAS No     | Chemical name            |               |           |         |                         |        |
|------------|--------------------------|---------------|-----------|---------|-------------------------|--------|
|            | Aquatic toxicity         | Dose          | [h]   [d] | Species | Source                  | Method |
| 37247-91-9 | Calcium magnesium oxide  |               |           |         |                         |        |
|            | Acute fish toxicity      | LC50<br>mg/l  | 50,6      | 96 h    | (Calciumdihydroxi<br>d) |        |
|            | Acute algae toxicity     | ErC50<br>mg/l | 184,7     | 72 h    | (Calciumdihydroxi<br>d) |        |
|            | Acute crustacea toxicity | EC50<br>mg/l  | 49,1      | 48 h    | (Calciumdihydroxi<br>d) |        |

#### **12.2. Persistence and degradability**

No information available.

#### **12.3. Bioaccumulative potential**

No information available.

#### **12.4. Mobility in soil**

not relevant

#### **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. Other adverse effects**

Damaging effect by pH moving.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

Remove according to the regulations. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

##### **Contaminated packaging**

Contaminated packaging: Completely emptied packings can be re-cycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **Inland waterways transport (ADN)**

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **Marine transport (IMDG)**

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

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

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### SECTION 15: Regulatory information

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

##### **National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

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### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### **SECTION 16: Other information**

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

|      |                                |
|------|--------------------------------|
| H315 | Causes skin irritation.        |
| H318 | Causes serious eye damage.     |
| H319 | Causes serious eye irritation. |

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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