

Ve-Ka Groothandel BV

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Glaze GL-5009 GL-35009 Supranova**

Revision date: 30.04.2018

Product code: 5009

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

#### **1.1. Product identifier**

Glaze GL-5009 GL-35009 Superanova

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

##### **Use of the substance/mixture**

Manufacture of ceramic coatings suited for firing ceramics.

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

Company name: ve-ka groothandel b.v.  
Street: Industrieweg 7a  
Place: 6621 BD Dreumel  
Telephone: 0487 571667  
e-mail: info@ve-ka.nl  
Contact person: BN Duller  
e-mail: info@ve-ka.nl  
Internet: [www.ve-ka.nl](http://www.ve-ka.nl)

**1.4. Emergency telephone number:** 0487 571667

### SECTION 2: Hazards identification

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### 2.1. Classification of the substance or mixture

**Regulation (EC) No. 1272/2008** Hazard

categories:

Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard

Statements:

Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

**Regulation (EC) No. 1272/2008**

#### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P501 Dispose of contents/container to according to local regulations to a treatment facility.  
Avoid release to the environment.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of frits (silicate glasses), mineral oxides and metal oxides.

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
12069-69-1	copper(II) carbonate - copper(II) hydroxide (1:1)			< 2,5 %
	235-113-6	029-020-00-8		
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H332 H302 H319 H400 H410			

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated or saturated clothing.

#### After inhalation



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Take affected persons out into the fresh air.

#### After contact with skin

Precautionally wash off with soap and water.

#### After contact with eyes

In case of contact with eyes rinse thoroughly with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### After ingestion

Rinse mouth immediately and drink plenty of water. In the event of symptoms refer for medical treatment.

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

no data available

### 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

none known

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

none known

#### 5.3. Advice for firefighters

Employ protective equipment commonly used in the event of fire.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Contaminated fire-extinguishing water must be disposed of in accordance with the regulations issued by the appropriate local authorities.

### SECTION 6: Accidental release measures

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

Wear personal protection equipment. Provide adequate ventilation. Avoid dust formation.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

Treat the recovered material as prescribed in the section on waste disposal.

## SECTION 7: Handling and storage

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

When using do not eat, drink or smoke. Wash hands before breaks and after work. Do not leave children unattended while using the material. Open windows to ensure natural ventilation.

**Advice on protection against fire and explosion** Avoid generation of dust.

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

#### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep out of the reach of children.

#### **Hints on joint storage**

No special restrictions on substances.

**7.3. Specific end use(s)** No data available

## SECTION 8: Exposure controls/personal protection

### **8.1. Control parameters**

### **8.2. Exposure controls**

#### **Appropriate engineering controls**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### **Protective and hygiene measures**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### **Eye/face protection**

If necessary: Wear tightly sealed safety glasses.

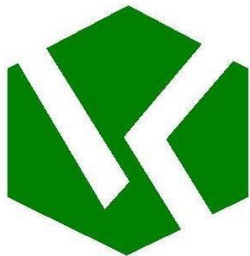
#### **Hand protection**

Wear protective gloves made of the following materials: NBR (Nitrile rubber).

#### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties



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

Physical state: Powder  
Colour: bright green  
Odour: odourless

**Changes in the physical state** Melting point:

No data available

Flash point:

not applicable

Water solubility: **9.2.**

not determined

### **Other information**

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no data available

## SECTION 10: Stability and reactivity

**10.1. Reactivity** no data available

**10.2. Chemical stability**

No decomposition if stored normally.

**10.3. Possibility of hazardous reactions**

no data available

**10.4. Conditions to avoid**

No dangerous reaction known under condition use.

**10.5. Incompatible materials**

none known

**10.6. Hazardous decomposition products**

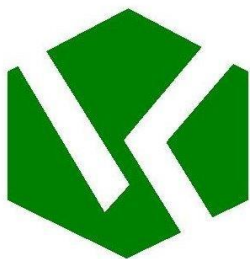
none known

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity** Acute, oral toxicity

frits, chemicals; CAS-Nr.: 65997-18-4; EG-Nr.: 266-047-6; LD50: > 2.000,00 mg/kg (Species: Rat)



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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
12069-69-1	copper(II) carbonate - copper(II) hydroxide (1:1)				
	oral	ATE mg/kg	500		

### Irritation and corrosivity

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 12.2. Persistence and degradability

no data available

### 12.3. Bioaccumulative potential

no data available

### 12.4. Mobility in soil

no data available

### 12.5. Results of PBT and vPvB assessment

no data available

### 12.6. Other adverse effects

no data available

### Further information

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do not allow to enter into surface water or drains.

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## SECTION 13: Disposal considerations



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

#### **Disposal recommendations**

Prevent penetration into stretches of water and drainage systems.

#### **Contaminated packaging**

Dispose of as unused product. If there is product residue in the emptied container, follow directions for handling on the container's label.

## SECTION 14: Transport information

### **Other applicable information**

Not a hazardous material with respect to transportation regulations.

## SECTION 15: Regulatory information

### **15.1. Safety, health and environmental regulation**

#### **Regulations/legislation specific for the substance or mixture**

#### **National regulatory information**

Water hazard class (D):

1 - slightly hazardous to water

## SECTION 16: Other information

### **Changes**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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