



Creative Color Company

# MATERIAL SAFETY DATA SHEET

## according to 1907/2006/EC

Date 06.05.2015

revised at

Version: EN/1

6 Pages

### 1. Identification of the Product and Company

#### 1.1. Trade name / Brand name

Commercial name: *Perlen-Pen*

Productcode: 1-162-XXX-XX

#### 1.2. Relevant identified uses

The mixture is a product for art and craft. It is safe for consumers and other users under intended and reasonably foreseeable use.

#### Use of the substance or mixture:

Dispersion for handicraft work

#### 1.3. Name and address of supplier:

VIVA DECOR GmbH

Meierweg 8

D-32108 Bad Salzuflen

Germany

Email: [info@viva-decor.de](mailto:info@viva-decor.de), [www.viva-decor.de](http://www.viva-decor.de)

Phone: +49-(0) 5222-36 336 0

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### 2. Hazards Identification

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

##### Classification according to Directive 1999/45/EEC:

Not classified

##### Classification according to Regulation No 1272/2008/EC (EU-GHS/CLP):

GHS07; Eye Irrit. 2 / H319

#### 2.2. Label elements according to 67/548/CE oder 1999/45/EC:

Not applicable

#### 2.3. Label elements according to Regulation No 1272/2008/EC:

CLP label elements:



GHS07

Signal word: *Warning*

##### 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.

P280: Wear protective gloves/protective clothing/eye protection/face protection

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

P501: Dispose of contents/container to an approved waste disposal plant

**Reduced label (≤ 125 ml):**



Warning

Additional Information:

EUH208: Contains 1,2-benzisothiazol-3(2H)-one; 2-methyl-2H-isothiazol-3-one; mixture of 5-chlor-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction

**2.4. Special hazards for human health and environment:** none

**2.5. Other hazards:** None

**3. Composition / Information on Ingredients**

**3.1. Chemical characterization: Mixture**

Binding agent, additives, pigments

**3.2. Hazardous ingredients according to 1999/45/EC:**

| EINECS-No.:             | chemical name:  |         |
|-------------------------|---|---------|
| CAS-No.:                | classification:   | % (w/w) |
| 614-849-5<br>68954-91-6 | Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-w-hydroxy-, C10-12-alkyl ethers, disodium salts<br>Xi; R41 | 1-1.5   |
| 215-647-6<br>1336-21-6  | ammonia water<br>C, N; R34-50   | < 1     |

The full text of R-Phrases is displayed in Section 16

**3.3. Hazardous ingredients according to 1272/2008/EC:**

| EINECS-No.:             | chemical name:  |         |
|-------------------------|---|---------|
| CAS-No.:                | classification:   | % (w/w) |
| 614-849-5<br>68954-91-6 | Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-w-hydroxy-, C10-12-alkyl ethers, disodium salts<br>GHS05; Eye Dam.1/H318 | 1-1.5   |
| 215-647-6<br>1336-21-6  | ammonia water<br>GHS05, GHS09; Skin Corr.1B/H314; Aquatic Acute 1/H400  | < 1     |

The full text of H-Phrases is displayed in Section 16

**3.4. Additional information:** None

**4. First Aid Measures**

**4.1. General information:** No adverse effects are expected during normal use of the mixture, however if any effects do appear the following recommendations apply.

**4.2. In cases of eye contact:** Rinse immediately with plenty of water. If eye irritation persists, seek medical advice

**4.3. In cases of skin contact:** Not expected to be irritating. Rinse with soap and plenty of water, in the case of skin irritation take medical advice



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- 4.4. **In cases of ingestion:** Rinse out mouth and give plenty of water to drink. If symptoms develop, seek medical attention
- 4.5. **In cases of inhalation:** Move to fresh air in case of accidental inhalation of fumes from overheating or combustion
- 4.6. **Most important symptoms and effects, both acute and delayed:** May cause eye irritation, may cause an allergic skin reaction
- 4.7. **Advice to doctor:** treat symptoms

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## 5. Fire-fighting Measures

- 5.1. **Extinguishing agents:** Use any means suitable for extinguishing surrounding fire.
- 5.2. **Extinguishing media which must not be used for safety reasons:** full water jet
- 5.3. **Special exposure hazards arriving from substance or preparation itself, combusting products, resulting gases:** None in particular, burning produces heavy smoke, do not inhale explosion and combusting gases
- 5.4. **Protective equipment:** adapt to surrounding fire
- 5.5. **Additional information:** The formulation is water-based, so the product itself does not burn. Cool containers at risk with water spray jet.

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## 6. Accidental Release Measures

- 6.1. **Personal precaution:**  
Ventilate area of leak or spill. Wear appropriate personal protective equipment. Avoid generation of dust. Special danger of slipping by leaking or spilling product.
- 6.2. **Environmental precautions:**  
No special environmental measures are necessary. Dilute with plenty of water. Do not wash into the drains, do not allow to enter sewers/surface or groundwater
- 6.3. **Clean-up procedure:**  
Soak up with inert absorbent material (e.g. sand, silica gel, universal binder), take it up mechanically and collect in suitable containers for disposal or reclamation, wash with plenty of water

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## 7. Handling and Storage.

- 7.1. **Advice on safe handling**  
No special provisions if the product is used appropriately  
Avoid contact with eyes and skin. Comply with the health and safety at work laws
- 7.2. **Advice on protection against fire, aerosol and dust generation**  
Product itself does not burn. No special fire protection measures are necessary.
- 7.3. **Storage:** No requirements for storage rooms and vessels. Protect from sunlight and do not expose to temperatures above 50°C, keep from extreme cold
- 7.4. **Storage class:** Non-combustible fluids

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## 8. Exposure Control / Personal Protection

- 8.1. **Exposure limit values:** not applicable



- 8.2. Personal protection:** The usual precautionary measures are to be adhered to, when handling chemicals: avoid contact with skin and eyes, do not eat, drink or smoke
- 8.3. Eye protection:** safety goggles during refilling
- 8.4. Hand protection:** establish skin protection measures, wear latex gloves
- 8.5. Respiratory protection:** no personal respiratory protective equipment normally required. Breathing apparatus in the event of aerosol formation: P1 or FFFP1 (BGR 190)
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## 9. Physical and Chemical Properties

### 9.1. General information

|                                    |                              |
|------------------------------------|------------------------------|
| Physical state:                    | liquid                       |
| Colour:                            | depends on pigmentation      |
| Odour:                             | characteristic               |
| <b>Flash point:</b>                | not applicable               |
| <b>Flammability:</b>               | not applicable               |
| <b>Melting point:</b>              | not applicable               |
| <b>Explosion risk:</b>             | not explosive, not oxidizing |
| <b>Density at 20°C:</b>            | ~ 1,1 g/cm <sup>3</sup>      |
| <b>Water solubility (at 20°C):</b> | miscible                     |
| <b>pH-value at 20°C:</b>           | 7-9                          |

- 9.2. Additional information:** VOC-content (EU) < 1% (w/w)
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## 10. Stability and Reactivity

### 10.1. Chemical stability:

Product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

- 10.2. Materials to avoid:** strong acids and alkali
- 10.3. Hazardous decomposition products:** If stored and handled properly: none known
- 10.4. Conditions to avoid:** frost, heat
- 10.5. Hazardous reactions:** none known
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## 11. Toxicological Information

- 11.1. Acute toxicity (mixture):** no harmful effects known

### Relevant LD<sub>50</sub>/LC<sub>50</sub>-Values:

*Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-w-hydroxy-, C10-12-alkyl ethers, disodium salts (CAS-No: 68954-91-6)*

Oral: LD<sub>50</sub> (rat): > 2,000 mg/kg

- 11.2. Primary irritation:** Based on the composition no irritation potential has to be expected.

**Skin:** not irritating, irritating effects possible after long and/or repeated use

**Eye:** no irritating effects



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**Sensitization / allergisation:** sensitizing effects not known in practice, may cause an allergic skin reaction

- 11.3. Others:** According to our experience no damage to health has appeared even in case of long lasting contact.

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## 12. Ecological Information

- 12.1. Ecotoxicity:** no data available

*Ammonia water* (CAS-Nr.: 1336-21-6)

Fishtoxicity (96 hrs.) LC<sub>50</sub>: 0.53 mg/l (rainbow trout)

Daphniatotoxicity (48 hrs.) EC<sub>50</sub>: 24 mg/l (Daphnia magna)

Bacteriatotoxicity (5 min) EC<sub>50</sub>: 2 mg/l (Photobacterium phosphoreum)

- 12.2. Persistence and degradation:**

Low potential of bioaccumulation, no photo-chemical elimination

- 12.3. Other adverse effects:**

According to the criteria of the European classification and labeling system, the product has not to be labeled as „dangerous for the environment“.

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

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## 13. Disposal Considerations

- 13.1. Product:** In compliance with local regulations, dried product, after removal of the water; according to AVV (German Regulation): 20 03 01 (mixed domestic waste)

- 13.2. Packaging:** Non-contaminated packages may be recycled

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## 14. Transport Information

Not classified as „hazardous for transport“

The mixture is cold-sensitive

Land, river/canal, sea, air-transport: not regulated for transport by ADR/RID-GGVS/E, IMDG/GGVSee, ICAO-TI/IATA-DGR

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## 15. Regulatory Information

### Labelling in accordance with EC-guidelines:

The mixture requires a hazard warning label in accordance with EC directives and/or the relevant national laws.

*Water hazard class 1* (German Regulation, self-assessment): slightly hazardous

*Storage class:* non-combustable fluids (LGK 10-13 according to German Regulation)

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## 16. Other Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product, but to liberation of major amounts in case of accidents and irregularities.

**R- and H-Phrases** (Section 3):



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R34: Causes burns.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H400: Very toxic to aquatic life

This material safety data sheet is accurate to the best of our present-day knowledge and is based on information which we consider as reliable. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use.

This data do not constitute a guarantee for the characteristics of the product as defined by the legal warranty regulations.

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