

## Safety Data Sheet for not dangerous mixtures according to 830/2015 EU Regulation

Date of Compilation/Revision: 10.11.2017.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers: Fibre paste

Type of substance: CLP Mixture

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

Water-based acrylic paint paste

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

Pentacolor Ltd.

1103 Budapest, Gyömrői út 86.

tel.: +36-1-260-7477

fax: +36-1-262-1345

e-mail: [info@pentacolor.hu](mailto:info@pentacolor.hu)

For product safety information please contact: [info@pentacolor.hu](mailto:info@pentacolor.hu)

#### 1.4 Emergency telephone number:

Egészségügyi Toxikológiai Tájékoztató Szolgálat

Address: 1096, Budapest, Nagyvárad tér 2., Hungary

tel: 06/80/20 11 99 (green number), 06/1/ 476 64 64 (during working hours)

### SECTION 2. HAZARDS IDENTIFICATION

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

This product is not classified according to (EC) Regulation No 1272/2008.

#### 2.2. Label elements:

##### Labelling according to Regulation (EC) No 1272/2008

Fibre paste

This product is not classified according to (EC) Regulation No 1272/2008.

Additional labelling:

EUH208 Contains 1,2-Benzisothiazol-3 (2H) -one. May cause an allergic reaction. .

EUH210 Safety data sheet available on request.

#### 2.3 Other hazards:

It does not contain PBT/vPvB materials,

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixture:

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Hazardous Substance(s): 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether  
concentration: < 5%

EC-No.: 203-961-6

CAS-No.: 112-34-5

Index-No. : 603-096-00-8

Classification according to Regulation (EC) No 1272/2008 : Eye Irrit. 2 H319

Registration number : 01-2119475104-44-0006, 01-2119475104-44-xxxx

Substance(s) with occupational exposure limits: ammonia ...%  
concentration: < 0,1%

EC-No.: 215-647-6

CAS-No.: 1336-21-6

Index-No. : 007-001-01-2

Classification according to Regulation (EC) No 1272/2008 : Skin Corr. 1B H314, STOT SE 3 H335, Aquatic Acute 1 H400, Aquatic Chronic 3 H412 (SCL: STOT SE 3: H335: c >= 5% (Note B)

Hazardous Substance(s): bronopol (INN); 2-bromo-2-nitropropane-1,3-diol; bronopol (INN); 2-bróm-2-nitropropán-1,3-diol

concentration: < 0,02%

EC-No.: 200-143-0

CAS-No.: 52-51-7

Index-No. : 603-085-00-8

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 4 (\*) H302, Acute Tox. dermal 4 (\*) H312, Skin Irrit. 2 H315, Eye Dam. 1 H318, STOT SE 3 H335, Aquatic Acute 1 H400 (M=10), Aquatic Chronic 1 H410 (M=1)\*\*

Hazardous Substance(s): 1,2-benzisothiazol-3(2H)-one

concentration: 0,005%

EC-No.: 220-120-9

CAS-No.: 2634-33-5

Index-No.: 613-088-00-6

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. 4 oral H302, Acute Tox. inhal. 2 H330, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam, 1 H318, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 2 H411 (SCL: Skin Sens. 1 H317: c >= 0.05%)

Note B: Certain substances (acids, alkalis, etc.) are in the form of aqueous solutions of different concentrations and should therefore be labeled differently as the degree of danger varies depending on the concentration. The items supplemented with Note B has a general description : ... % ammonia. In this case, the supplier of the substance must indicate the concentration of the solution on the label. Unless otherwise stated, it is to be assumed that the percentage concentration is expressed as a percentage by weight.

\*\* Harmonized classification supplementing with manufacturer's classification

(\*) minimum classification for a category

Refer to Section 16 for full details of hazard statements and Notas.

## **SECTION 4. FIRST AID MEASURES**

### **4.1 Description of necessary first-aid measures:**

#### **General:**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

#### **Inhalation:**

Keep patient calm, remove to fresh air, if necessary, seek medical attention.

#### **Eye contact:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

#### **Skin contact:**

Wash thoroughly with soap and water.

#### **Ingestion:**

Rinse mouth. When symptoms persist, seek medical attention.

### **4.2 Most important symptoms and effects, both acute and delayed:**

From symptoms and effects we donot have any information.

### **4.3 Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.

## **SECTION 5. FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Water spray, dry powder, foam, carbon dioxide

Not to be used : Not known.

**5.2 Special hazards arising from the substance or mixture**

The product is not flammable. In case of fire hazardous vapors, gases may be formed.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing.

Use fine water spray to cool endangered containers. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

**SECTION 6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Remove the unauthorized persons. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Remove all sources of ignition. Provide adequate ventilation.

**6.2 Environmental precautions**

Do not allow to enter drains or watercourses.

**6.3 Methods and materials for containment and cleaning up**

Small spills: Soak up with cloth. For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations. Wash the contaminated area with plenty of water.

**6.4 Reference to other sections**

Use personal protective equipment recommended in section 8.

For disposal see section 13.

**SECTION 7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

No special measures are required.

Avoid contact with skin and eyes. Do not breathe powder. Provide adequate ventilation.

Do not eat, drink or smoke while working. Wash hands before breaks and at the end of workday.

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

Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition and from incompatible materials.

**7.3 Specific end uses**

See section 1.2

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Components with workplace control parameters**

Substances with occupational exposure limit values:

CAS 112-34-5 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether:

TWA value 67.5 mg/m<sup>3</sup> ; 10 ppm (OEL (EU)) indicative

STEL value 101.2 mg/m<sup>3</sup> ; 15 ppm (OEL (EU)) indicative

CAS 7664-41-7 ammonia: 14 mg/m<sup>3</sup> (8 hours), 36 mg/m<sup>3</sup> (short-term)

**112-34-5: 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether****DNEL**

worker:

Long-term exposure - systemic and local effects, Inhalation: 67.5 mg/m<sup>3</sup>, 10 ppm

worker:

Long-term exposure- systemic effects, dermal: 20 mg/kg

consumer:

Short-term exposure - local effects, Inhalation: 50.6 mg/m<sup>3</sup>, 7.5 ppm

consumer:

Long-term exposure - systemic and local effects, Inhalation: 34 mg/m<sup>3</sup>, 5 ppm

consumer:

Long-term exposure- systemic effects, dermal: 10 mg/kg

consumer:

Long-term exposure- systemic effects, oral: 1.25 mg/kg

**PNEC**

freshwater: 1 mg/l

marine water: 0.1 mg/l

intermittent release: 3.9 mg/l

sediment (freshwater): 4 mg/kg

sediment (marine water): 0.4 mg/kg

STP: 200 mg/l

oral (secondary poisoning): 56 mg/kg

soil: 0.4 mg/kg

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

Handle in accordance with good industrial hygiene and safety practice. Local or general extraction system is recommended in order to keep the exposure as low as possible. Safety shower, eyewash is recommended.

If local risk assessment requires, weigh the concentration of the components in the air.

**Personal protective equipment****Eye/face protection**

Safety glasses with side-shields according to EN 166.

**Skin protection**

Protective gloves according to EN 374. can be used, but in normal case it is not necessary.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

If local risk assessment requires, use protective equipment. (Chemical resistant gloves, overall or work clothes)

**Body Protection**

Protective clothing according to EN ISO 20345

**Respiratory protection**

Provide good ventilation of working area. Wear respiratory protection if ventilation is inadequate.

Dust mask and organic substances provided for combined respiratory protective, if necessary.

**Environmental exposure controls**

Check emissions of the local exhaust system during the production in order to comply with environmental protection requirements

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

(a) Appearance: viscous liquid, Colour: white

(b) Odour: characteristic

(c) Odour threshold: not determined

(d) pH: 7-8,5

(e) Melting point/freezing point: not determined

(f) Initial boiling point and boiling range: not determined

(g) Flash point: not determined

(h) Evaporation rate: not determined

(i) Flammability (solid, gas): Not applicable (non-flammable liquid).

(j) Upper/lower flammability or explosive limits:

(k) Vapour pressure: not determined

(l) Vapour density: not determined

(m) Relative density: 1,3-1,5 g/cm<sup>3</sup>

(n) Solubility(ies): soluble in water

(o) Partition coefficient: n-octanol/water: not determined

(p) Auto-ignition temperature: not determined

(q) Decomposition temperature: not determined

(r) Viscosity: not determined

(s) Explosive properties: Not applicable (non-flammable / non-explosive liquid).

(t) Oxidising properties. non-oxidizing

**9.2. Other information**

No data available

**SECTION 10. STABILITY AND REACTIVITY****10.1 Reactivity**

No hazardous reactions can be expected under normal handling and storage

**10.2 Chemical stability**

Stable under recommended storage and handling conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reaction in normal use.

**10.4 Conditions to avoid**

Heat, flames and sparks.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Hazardous vapors, gases

**SECTION 11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

There are no data available on the preparation itself.

(a) acute toxicity: Based on available data, the classification criteria are not met

The product does not contain components of acute toxicity-classified at or above the general classification limits.

(b) skin corrosion/irritation: Based on available data, the classification criteria are not met

The product does not contain components of skin corrosion or skin irritation at or above the general classification limits

(c) serious eye damage/irritation: Based on available data, the classification criteria are not met

The product does not contain components which damage or irritating to eyes at or above the general classification limits.

(d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met

The product contains components classified as skin sensitization at concentrations above the triggering limit as indicated by the EUH208 phrases on the label.

(e) germ cell mutagenicity: Based on available data, the classification criteria are not met

The product does not contain mutagenic components

(f) carcinogenicity: Based on available data, the classification criteria are not met

The product does not contain carcinogenic components.

(g) reproductive toxicity: Based on available data, the classification criteria are not met

The product does not contain components of reproductive toxicity.

(h) STOT-single exposure: Based on available data, the classification criteria are not met

The product does not contain a single exposure specific target organ toxicity-classified components in the general classification limit values or concentration above.

(i) STOT-repeated exposure: Based on available data, the classification criteria are not met

The product does not contain components classified as repeated-exposure target organ toxicity at or above the general classification limits.

(j) aspiration hazard: Based on available data, the classification criteria are not met

The product does not contain components classified with aspiration toxicity.

**SECTION 12. ECOLOGICAL INFORMATION****12.1 Toxicity**

There are no data available on the preparation itself.

Based on available data, the classification criteria are not met

**12.2 Persistence and degradability****Biodegradability**

No relevant information available.

Components:

Bronopol: Readily biodegradable

> 70 % (Activated sludge, OECD 301B, modified Sturm test) (REACH dossier).

1,2-benzisotiazolin-3-on:

Readily biodegradable.

ca. 90 % (OECD 302B Zahn-Wellens test, activated sludge)

> 70 % (OECD 303A DOC, activated sludge)  
t<sub>1/2</sub>: 1,28-2,1 d (OECD 308 in freshwater sediment)  
t<sub>1/2</sub>: 4,1 nap (OECD 309 biodegradable simulation in surface water))  
Ammonia: Readily biodegradable

**12.3 Bioaccumulative potential**

Components:

Bronopol: in living body is not enriched up

BCF: 3,16 (calculated, EPIWIN).

Partition coefficient: n-octanol/water: log K<sub>ow</sub>: 0,22 (OECD 107, S3658)

1,2-benzotiazolin-3-on: Bioaccumulation is not expected.

Partition coefficient: n-octanol/water: log K<sub>ow</sub> = 0,7 (OECD 117, HPLC method

Bioconcentration factor, BCF (fish): 6,95 (OECD 305)

Ammonia: It does not accumulate biologically.

**12.4 Mobility in soil**

The product is water-soluble

Ammonia: It is absorbed in the soil.

**12.5 Results of PBT and vPvB assessment**

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

**12.6 Other adverse effects**

Not known.

**SECTION 13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Do not dispose of together with household waste. In accordance with local and national regulations.

Non-hazardous waste, but the generation of waste should be avoided or minimized wherever possible. Do not allow into drains or water courses. The waste packaging can be recycled.

**SECTION 14. TRANSPORT INFORMATION****Transportation for non-hazardous goods.**

**14.1 ADR/RID, IMDG, IATA: UN number:** Not applicable.

**14.2 ADR/RID, IMDG, IATA: UN proper shipping name:** Not applicable.

**14.3 ADR/RID, IMDG, IATA: Transport hazard class(es):** Not applicable.

**14.4 ADR/RID, IMDG, IATA: Packing group:** Not applicable.

**14.5 Environmental hazards:** No

**14.6 Special precautions for user:** Handle in accordance with good industrial hygiene and safety practice.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

**SECTION 15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

According to the local regulation. For product there are no special requirements.

**15.2 Chemical Safety Assessment**

Chemical safety assessment has not been carried out./ not required.

**SECTION 16. OTHER INFORMATION****LIST OF RELEVANT H-PHRASES IN SECTION 3****H-Phrases**

H302 Harmful if swallowed

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H330 Fatal if inhaled  
H335 May cause respiratory irritation  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects  
H411 Toxic to aquatic life with long lasting effects  
H412 Harmful to aquatic life with long lasting effects  
EUH208 Contains . May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**Data Sources:**

The previously-classified hazardous materials list  
Internet database of chemical substances  
Safety data sheets of components

This product is not classified according to (EC) Regulation No 1272/2008.- based on calculation method

**Abbreviations:**

Acute Tox. oral 4 Acute Toxicity oral, Category 4  
Acute Tox. dermal 4 Acute Toxicity dermal, Category 4  
Acute Tox. inhal 2 Acute Toxicity inhalation, Category 2  
Skin Corr.1B Skin Corrosion, Category 1B  
Skin Irrit. 2 Skin Irritation, Category 2  
Skin Sens. Skin sensitization, Category 1  
Eye Dam. 1 Eye Damage, Category 1  
Eye Irrit. 2 Eye Irritation Category 2  
STOT SE 3 Specific target organ toxicity – single exposure, Category 3  
Aquatic Acute 1 Aquatic Acute, Category 1  
Aquatic Chronic 1 Aquatic Chronic, Category 1

SCL: Specific Concentration limit  
EK / EU European community/European union  
EGK European Economic Community  
DNEL Derived No Effect Level  
PNEC Predicted No Effect Concentration  
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /  
CAS Chemical Abstracts Service  
UN / ENSZ United Nations  
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
IMDG International Maritime Code for Gangerous Goods  
MARPOL International Convention for the Prevention of Pollution From Ships  
IBC Intermediater Bulk Container  
IATA International Air Transport Association  
ICAO International Civil Aviation Organization  
PBT Persistent, Bioaccumulative, Toxic  
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is

provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.