

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

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

**1.1 Product identifiers:** Crackle medium (Crackle country)

Type of substance: CLP Mixture

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

One-component cracking varnish for hobby paint

**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

Crackle medium (Crackle country)

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

**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):** methanol

concentration: < 1 %

EC-No.: 200-659-6

CAS-No.: 67-56-1

Index-No. : 603-001-00-X

Classification according to Regulation (EC) No 1272/2008 :

Flam. Liq. 2 H225, Acute Tox. oral 3 (\*) H301 Acute Tox. dermal 3 (\*) H311, Acute Tox. 3 inhal (\*)

H331, STOT SE 1 H370 (\*\*)

**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)  
(\* ) 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 a doctor in case of persistent symptoms or complaints.

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 vapor. Avoid ignition sources. 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**

CAS 67-56-1 Methanol: 260 mg/m<sup>3</sup> (8 h), skin (Also absorbed through the skin) In the 2006/15/EK directive reported value.

**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.

**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.

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

- a) Appearance: viscous liquid, Colour: slightly opalescent
- b) Odour: characteristic
- c) Odour threshold: not determined
- d) pH: 5-7
- 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
- j) Upper/lower flammability or explosive limits: not applicable (Non-flammable non-explosive liquid)
- k) Vapour pressure: not determined
- l) Vapour density: not determined
- m) Relative density: 1,0-1,15 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: product is not explosive.
- 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
- (b) skin corrosion/irritation: Based on available data, the classification criteria are not met
- (c) serious eye damage/irritation: Based on available data, the classification criteria are not met
- (d) respiratory or skin sensitisation: Based on available data, the classification criteria are not met
- (e) germ cell mutagenicity: Based on available data, the classification criteria are not met
- (f) carcinogenicity: Based on available data, the classification criteria are not met
- (g) reproductive toxicity: Based on available data, the classification criteria are not met
- (h) STOT-single exposure: Based on available data, the classification criteria are not met
- (i) STOT-repeated exposure: Based on available data, the classification criteria are not met
- (j) aspiration hazard: Based on available data, the classification criteria are not met

**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

The M-factors used for classification: Bronopol:  $M_{acute} = 10$

**12.2 Persistence and degradability**

**Biodegradability**

No relevant information available.

Components:

Bronopol: Readily biodegradable

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

**12.3 Bioaccumulative potential**

Components:

Bronopol: in living body is not enriched up

BCF: 3,16 (calculated, EPIWIN).

n-octanol/water:  $\log K_{ow}$ : 0,22 (OECD 107, S3658)

**12.4 Mobility in soil**

The product is water-soluble. No additional available information.

**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. 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. Dispose of in accordance with local regulations.

**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**

H225 Highly flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H311 Toxic in contact with skin  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H331 Toxic if inhaled  
H335 May cause respiratory irritation  
H370 Causes damage to organs  
H400 Very toxic to aquatic life  
H410 Very toxic to aquatic life with long lasting effects

#### **Abbreviations:**

Flam. Liq. 2 Flammable liquid Category 2  
Acute Tox. 3 Acute Toxicity Category 3  
Acute Tox. 4 Acute Toxicity Category 4  
Skin Irrit. 2 Skin Irritation Category 2  
Eye Dam. 1 Eye Damage Category 1  
STOT SE 1 Specific target organ toxicity – single exposure Category 1  
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

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 Dangerous Goods

MARPOL International Convention for the Prevention of Pollution From Ships

IBC Intermediate 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.