

Safety Data Sheet for not dangerous mixtures according to 878/2022 EU Regulation

*Date of Compilation/Revision: 31.07.2017./03.12.2022.

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

1.1. Product identifier

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 Kft.

1103 Budapest, Gyömrői út 86.

tel.: +36-1-260-7477

fax: +36-1-262-1345

e-mail: info@pentacolor.hu

For product safety information please contact: info@pentacolor.hu

1.4. Emergency telephone number

https://echa.europa.eu/documents/10162/23019181/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d

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.

Additional labelling:

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

2.3 Other hazards

It does not contain PBT/vPvB materials,

*SECTION 3: Composition/information on ingredients

3.2. Mixtures

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: < 1,0%

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. inhal. 3 H331 (*), STOT SE 1 H370 (**); SCL: *, STOT SE 1 H370: c ≥ 10 %, STOT SE 2 H371: 3 % ≤ c < 10 %

Hazardous Substance(s): 1,2-benzisothiazol-3(2H)-one (BIT) (Substance with triggering limit)

concentration: < 0,02%

EC-No.: 220-120-9

CAS-No.: 2634-33-5

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

Crackle medium (Crackle country)

Version number: 4.

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 4* H302 (LD50 oral, rat:490 mg/kg), 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: $c \geq 0,05 \%$)

Hazardous Substance(s): Zinc pyrithione
concentration: < 0,02%

EC-No.: 236-671-3

CAS-No.: 13463-41-7

Index-No.: 613-333-00-7

Classification according to Regulation (EC) No 1272/2008 : Repr. 1B 360D, Acute Tox. inhal 2 H330, Acute Tox. oral 3 H301, STOT RE 1 H372, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1000), Aquatic Chronic 1 H410 (M=10) (SCL: inhalation: ATE = 0,14 mg/L (powder or mist) oral: ATE = 221 mg/kg)

Registration number 01-2119511196-46-xxxx (as biocid is free)

(*) minimum classification for a category

(**) For certain hazard classes, e.g. STOT, the route of exposure should be indicated in the hazard statement only if it is conclusively proven that no other route of exposure can cause the hazard in accordance to the criteria in Annex I. Under Directive 67/548/EEC the route of exposure was indicated for classifications with R48 when there was data justifying the classification for this route of exposure. The classification under 67/548/EEC indicating the route of exposure has been translated into the corresponding class and category according to this Regulation, but with a general hazard statement not specifying the route of exposure as the necessary information is not available. These hazard statements are indicated by the reference **

* It indicates that the entry concerned had specific concentration limits under Directive 67/548/EEC for acute toxicity. These concentration limits cannot be 'translated' into concentration limits under this Regulation, especially when a minimum classification is given. However, when the reference * is shown, the classification for acute toxicity for this entry may be of special concern.

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

Use extinguishing media that is suitable for the extinguishing of burning agents in the environment.

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, earth, or similar inert absorbent material). 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 use the product near sources of ignition.

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

Directive 2006/15/EC

8 hours limit value: 260 mg/m³ (200 ppm)

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**

Use safety goggles against possible splashes or accidental contact.

Skin protection

Not required for normal handling and use. If required by the local risk assessment, use protective equipment during manufacture (eg chemical resistant gloves according to EN 374)

Body Protection

Not required for normal handling and use. If required by the local risk assessment, use protective equipment during manufacture (eg overalls or light work clothing.)

Respiratory protection

Not required for normal use. Where intense dust, vapor or aerosol is used during use dust mask and combined respirator for organic materials should be worn.

SECTION 9: Physical and chemical properties*9.1. Information on basic physical and chemical properties**

(a) Physical state viscous liquid,

(b) Colour transparent to slightly opalescent

- (c) Odour characteristic
- (d) Melting point/freezing point not determined (< 0 C)
- (e) Boiling point or initial boiling point and boiling range not determined (> 100 C)
- (f) Flammability not applicable (non-flammable liquid).
- (g) Lower and upper explosion limit not applicable (non-flammable / non-explosive liquid).
- (h) Flash point not determined (> 61 C)
- (i) Auto-ignition temperature not determined , not self-igniting
- (j) Decomposition temperature not determined
- (k) pH 5-7
- (l) Kinematic viscosity not determined
- (m) Solubility miscible with water
- (n) Partition coefficient n-octanol/water (log value) not applicable (mixture)
- (o) Vapour pressure not determined
- (p) Density and/or relative density 1,0-1,15 g/cm³
- (q) Relative vapour density not determined
- (r) Particle characteristics not applicable for fluid. It does not contain nanoparticles.

9.2. Other information

Non-explosive, non-oxidizing.

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 hazard classes as defined in Regulation (EC) No 1272/2008**

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
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 contains component 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 contains component classified as repeated-exposure target organ toxicity.
- (j) aspiration hazard: Based on available data, the classification criteria are not met
The product does not contain any components classified as aspiration toxicity.

11.2. Information on other hazards

No toxicological studies have been performed on the product

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.

12.3. Bioaccumulative potential

No relevant information available

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. Endocrine disrupting properties

No relevant information available.

12.7. Other adverse effects

The product has not been tested for ecotoxicity.

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**

14.1. UN number or ID number Not applicable.

14.2. UN proper shipping name Not applicable.

14.3. Transport hazard class(es) Not applicable.

14.4. Packing group Not applicable.

14.5. Environmental hazards No

14.6. Special precautions for user Observe the applicable safety data sheet.

14.7. Maritime transport in bulk according to IMO instruments 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.

The components of this product are included in the following notification lists; are exempted, or otherwise meet requirements: EINECS/ELINCS/NLP (EU), DSL/NDSL (Kanada), KECI (Dél-Korea), TSCA (USA).

The ingredients of this product are not included on California's 65 list

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.
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H330 Fatal if inhaled
H331 Toxic if inhaled.
H360D May damage fertility or the unborn child
H370 Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H371 May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H372 Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
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
EUH208 Contains (name of sensitising substance). May produce an allergic reaction.

*Changes from the previous version

The classification was prepared according to the 1272/2008/EK Regulation:
based on calculation method

Abbreviations:

Flam. Liq. Flammable liquid
Acute Tox. oral Acute Toxicity oral
Acute Tox. inhal. Acute Toxicity inhalation
Acute Tox. dermal Acute Toxicity dermal
Skin Irrit. Skin Irritation
Skin Sens. Skin Sensitization
Eye Dam. Eye Damage
STOT SE Specific Target Organ Toxicity - single exposure
STOT RE Specific target organ toxicity - repeated exposure
Repr. Reproductive toxicity
Aquatic Acute
Aquatic Chronic

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 Dangerous Goods
IMO International Maritime Organization
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative
ATE Acute Toxicity Estimate / body weight in kilograms
EC₅₀ Effective concentration 50 %
LC₅₀ Lethal Concentration 50 %

NOEC No Observed-effect concentration
LLNA Local Lymph Node Assay
BCF / BKF Bioconcentration factor
DOC Dissolved Organic Carbon

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.