

## Safety Data Sheet for not dangerous mixtures according to Regulation (EC) No 830/2015

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

**1.1 Product identifiers:** Retarder for Fabric and Leather paint

Type of substance: CLP Mixture

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

Water-based textile paint auxiliary.

**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](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**

Retarder for Fabric and Leather paint

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

EUH208 Contains formaldehyde, BIT. May produce 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.

Substance 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, Aquatic Acute 1 H400 (M=1), Aquatic Chronic 2 H411 (SCL: STOT SE 3 H335: c ≥ 5 % Note B)

Hazardous Substance(s): formaldehyde...%

concentration: < 0,05 %

EC-No.: 200-001-8

CAS-No.: 50-00-0

Index No.: 605-001-00-5

Classification according to Regulation (EC) No 1272/2008: Carc. 1B H350, Muta. 2 H341, Acute Tox. oral 3\* H301, Acute Tox. dermal 3\* H311, Acute Tox. inhal. 3\* H331, Skin Corr. 1B H314, Skin Sens. 1 H317 (SCL: \*, Skin Corr. 1B H314:  $c \geq 25\%$  Skin Irrit. 2 H315:  $5\% \leq c < 25\%$ , Eye Irrit. 2 H319:  $5\% \leq c < 25\%$ , STOT SE 3 H335:  $c \geq 5\%$ , Skin Sens. 1 H317:  $c \geq 0,2\%$ , Note B. D.)

Hazardous Substance(s): 1,2-benzisothiazol-3(2H)-one (BIT)  
concentration: < 0,01%

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, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=1) (SCL: Skin Sens. 1 H317:  $c \geq 0,05\%$ ) (SCL: Skin Sens 1 H317:  $c \geq 0,05\%$ )

Hazardous Substance(s): piriton zinc  
concentration: < 0.006%

EC-No.: 236-671-3

CAS-No.: 13463-41-7

Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 3 H301, Acute Tox. inhal 4 H332, Eye Dam. 1 H318, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)  
Registration number: 01-2119511196-46-xxxx (as biocid is free)

(\*) minimum classification for a category

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 : ... % nitric acid. 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.

Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3.

However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

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 symptoms persist, call a physician.

#### **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:**

Immediately rinse mouth. Consult a doctor in case of persistent symptoms or complaints.

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

No relevant information from symptoms and effects.

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

Treat symptomatically.

## SECTION 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Sand, dry powder, carbon dioxide

Not to be used : Water

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

Hazardous vapors, gases

### 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

Wear protecting apparatus. Remove the unauthorized persons. Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation. Remove all sources of ignition.

### 6.2 Environmental precautions

No special measures are required.

### 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 direct contact with the product, ingestion and vapor spray inhalation.

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

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

50-00-0 formaldehyde: 0,3 ml/m<sup>3</sup>, 0,37 mg/m<sup>3</sup> (TRGS900)

### 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

Wear eye/face protection such as chemical splash proof goggles or face shield. (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.

##### Body Protection

Protective clothing according to EN ISO 20345

**Respiratory protection**

It is not necessary for normal use.

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: liquid, Colour: product-specific
- (b) Odour: characteristic
- (c) Odour threshold: not determined
- (d) pH: 7,5-8,5
- (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: not applicable (non-flammable non-explosive liquid)
- (k) Vapour pressure: not determined
- (l) Vapour density: not determined
- (m) Relative density: 1.0-1.1 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 safety 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..

**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 at or above the general classification limits.

(f) carcinogenicity: Based on available data, the classification criteria are not met. The product does not contain carcinogenic components at or above the general classification limits.

(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.

The M-factors used for classification are given in section 3.2.

### 12.2 Persistence and degradability

#### Biodegradability

##### Components:

Ammonia:	Readily biodegradable.
1,2-benzisothiazol-3 (2H) –one:	Readily biodegradable. ca. 90 % (OECD 302B Zahn-Wellens test, activated sludge) > 70 % (OECD 303A DOC, activated sludge) t 1/2: 1,28-2,1 day (OECD 308 Sediment (Fresh water)) t 1/2: 4,1 day (OECD 309 biodegradable simulation in surface water)
Pirition-cink:	Readily biodegradable. . > 85 % (OECD 303A, activated sludge) t 1/2: 0,5 day (OECD 308 biodegradation simulation in freshwater sediment)

### 12.3 Bioaccumulative potential

#### Components:

pirition zinc	Bioaccumulation is not expected log K <sub>ow</sub> : 1,21 (OECD 107, separating funnel method)
1,2-benzisothiazol-3 (2H) –one	Bioaccumulation is not expected log K <sub>ow</sub> : 0,7 (OECD 117, HPLC method) BKF (fish): 6,95 (OECD 305)
Ammonia:	Does not accumulate biologically

### 12.4 Mobility in soil

The product is water-soluble

Ammonia: 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. UN 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: Follow the instructions on the safety data sheet.
- 14.7. Transport in bulk according to Annex II of Marpol 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

H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation  
H341 Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H350 May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H400 Very toxic to aquatic life  
H411 Toxic to aquatic life with long lasting effects  
EUH208 Contains (name of sensitising substance). May produce an allergic reaction.  
EUH210 Safety data sheet available on request

The classification was prepared according to the 1272/2008/EK Regulation:

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

### Data Sources:

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

### Abbreviations:

Acute Tox. 3 Acute Toxicity, Category 3  
Acute Tox. 4 Acute Toxicity, Category 4  
Skin Corr.1B Skin Corrosion Category 1B  
Skin Irrit. 2 Skin Irritation, Category 2  
Skin Sens. 1 Skin Sensitization, Category 1  
STOT SE 3 Specific target organ toxicity - single exposure, Category 3

Aquatic Acute 1 Aquatic Acute Category 1  
Aquatic Chronic 2 Aquatic Chronic Category 2  
Muta.2 Mutagenicity Category 2  
Carc.1B Carcinogenicity Category 1B

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  
HPLC High Performance Liquid Chromatography  
BCF / BKF Bioconcentration factor  
OECD Organisation for Economic Co-operation and Development  
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 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.