

## 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: Transparent Pigment Dispersion

Type of substance: CLP Mixture

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

Water-based acrylic 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

Transparent Pigment Dispersion

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

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): pirition zinc

concentration: < 0.01%

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).

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. Seek medical treatment in case of troubles.

**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:**

Immediately rinse mouth. When symptoms persist, seek medical attention.

**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 : High power water jet.

**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**

Contains no substances with occupational exposure limit values.

**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 glasses designed to protect against splash of liquids. (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: 6.5-7,5

(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: 1.1-1.2 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

(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.

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

**12.2 Persistence and degradability****Biodegradability****Components:**

Pirition-cink: Readily biodegradable. .

&gt; 85 % (OECD 303A, activated sludge)

t  $\frac{1}{2}$ : 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, shaking method)**12.4 Mobility in soil**

The product is water-soluble

**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

H318 Causes serious eye damage

H332 Harmful if inhaled

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

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

**Abbreviations:**

Acute Tox. 3 Acute Toxicity, Category 3

Acute Tox. 4 Acute Toxicity, Category 4

Eye Dam. 1 Eye Damage, Category 1

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

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 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.