Safety Data Sheet for not dangerous mixtures according to 878/2020 EU Regulation

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

1.1. Product identifier Textile hardener, Fabric Hardener
Type of substance: CLP Mixture
1.2. Relevant identified uses of the substance or mixture and uses advised against
Textile hardener
1.3. Details of the supplier of the safety data sheet
Pentacolor Kft.
1103 Budapest, Gyömrõi 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
Textile hardener, Fabric Hardener
This product is not classified according to (EC) Regulation No 1272/2008.
EUH208 Contains Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) C(M)IT-MIT 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): 1,2-benzisothiazol-3(2H)-one, BIT
concentration: < 0,02 %
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. oral 4 (*) 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 %)

Hazardous Substance(s): Zinc pyrithione
concentration: < 0,02%
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. 2 H330, Eye Dam. 1 H318, STOT RE 1 H372, Repr. 1B H360D, Aquatic Acute 1 H400 (M=1000), Aquatic Chronic 1 H410 (M=10) SCL: ATE inhalation (dusts/mists) = 0.14 mg/l, ATE oral = 221 mg/kg)
Registration number 01-2119511196-46-xxxx (as biocid is free)

Hazardous Substance(s): Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) C(M)IT-MIT (Substance with a trigger limit)
concentration: < 0,0015%
EC-No.: - (mixture)
CAS-No.: 55965-84-9
ECHA-No.: 611-341-5
Index-No.: 613-167-00-5
Classification according to Regulation (EC) No 1272/2008 : Acute Tox. oral 3 H301, Acute Tox. dermal 2 H310, Acute Tox. inhal. 2 H330, Skin Corr. 1C H314, Skin Sens. 1A H317, Eye Dam. 1 H318, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, EUH071 (SCL: Skin Corr. 1C H314: c ≥ 0,6 %, Skin Irrit. 2 H315: 0,06 % ≤ c < 0,6 %, Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2 H319: 0,06 % ≤ c < 0,6 %, Skin Sens. 1 H317: c ≥ 0,0015 %, M Acute = 100, M Chronic = 100), Note B

* 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, 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:
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 : 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 use(s)

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

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

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) Physical state liquid
(b) Colour white
(c) Odour mild
(d) Melting point/freezing point not determined
(e) Boiling point or initial boiling point and boiling range not determined
(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
(i) Auto-ignition temperature not determined
(j) Decomposition temperature not determined

(k) pH 4-5
(l) Kinematic viscosity not determined
(m) Solubility miscible with water
(n) Partition coefficient n-octanol/water (log value) not determined (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
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 hazard classes as defined in Regulation (EC) No 1272/2008
(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 at or above the general classification limits.
(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.

11.2. Information on other hazards
There are no data available on the preparation itself

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.
Component
Zinc pyrithione :
LC_{50} (Brachydanio rerio, 96 h): 0,0104 mg/l (OECD 203)
EC_{50} (Daphnia magna, 48 h): 0,051 mg/l (OECD 202)
EC_{50} (Pseudokirchneriella subcapitata, 72 h):
0,051 mg/l (OECD 201)
EC_{50} (Skeletonema costatum): 0,0013 mg/l (ISO 10253, literature data)
EC_{50} (Activated sludge, 3 h): 2,8 mg/l (OECD 209)
EC_{20} (Activated sludge, 3 h): 1,34 mg/l (OECD 209)
NOEC (Brachydanio rerio, 28 nap):
0,00125 mg/l (OECD 215)
NOEC (Daphnia magna, 21 nap): 0,0022 mg/l (OECD 211)
NOEC (Pseudokirchneriella subcapitata, 72 h):
0,0149 mg/l (OECD 201)
NOEC (Skeletonema costatum, 96 h):
0,00046 mg/l (OECD 201, literature data)
12.2. Persistence and degradability
Biodegradability
Components:
1,2-benzizotiazolin-3-on:
Readily biodegradable.
ca. 90 % (OECD 302B Zahn-Wellens test, activated sludge)
> 70 % (OECD 303A DOC, activated sludge)
t ½: 1,28-2,1 d (OECD 308 in freshwater sediment)
t ½: 4,1 nap (OECD 309 biodegradable simulation in freshwater sediment)
Zinc pyrithione
It is rapidly biodegradable.
0.5 days (aquatic sediment system simulation biodegradation).
12.3. Bioaccumulative potential
Components:
1,2-benzizotiazolin-3-on:
Bioaccumulation is not expected.
log Ko/v: 0,7 (OECD 117, HPLC method
BKF (fish): 6,95 (OECD 305)
Zinc pyrithione
In living body is not enriched up
Partition coefficient: n-octanol/water: log Ko/v: 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. Endocrine disrupting properties
No information available.
12.7. 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 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

H301 Toxic if swallowed.
H302 Harmful if swallowed
H310 Fatal 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
H360FD May damage the unborn child
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 . Contains (name of sensitising substance). May produce an allergic reaction.
EUH071 Corrosive to the respiratory tract.

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. oral Acute Toxicity oral
Acute Tox. dermal Acute Toxicity dermal
Acute Tox. inhal. Acute Toxicity inhalation

Skin Corr. Skin Corrosion
Skin Irrit. Skin Irritation
Skin Sens. Skin Sensitization
Eye Dam. Eye Damage
Eye Irrit. Eye Irritation
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
DOC Dissolved Organic Carbon
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 Réglement 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.