

SAFETY DATA SHEET

In accordance with the criteria of Regulation No 1907/2006 (REACH)

MIXONYL**Section 1: Identification of the substance/mixture and of the company****1.1. Product identifier**

MIXONYL: Yellow 5GX, Yellow 2GX, Yellow RR, Orange 2G, Orange HL, Red GG, Red DPP, Red FGR, Magenta, Violet RL, Blue A4R, B2G Blue, Green G, Black CP, Oxide Yellow BV, Oxide Yellow, Oxide Red, Oxide bronze, Oxide brown, Oxide green G, Oxide black, Titanium white.

1.2. Relevant identified uses of substance or mixture, and uses advised against

Identified uses: for colouring construction chemistry products based on water-borne synthetic resins for indoor and outdoor use.

Uses advised against: not determinate.

1.3. Detail of the supplier safety data sheets

INCHEM POLONIA Co. LTD

Tuszynska 54, 95-020 Wisniowa Gora, Poland

Phone no/fax.: +48 42 213 23 00/+48 42 299 68 37

Person responsible for msds: mtokarska@inchem.pl

1.4. Emergency telephone number

112 (general emergency telephone number)

+48 601 163 300 (in hours 7.00-15.00)

Section 2: Hazard identification**2.1. Substance or mixture classification**

Unclassified.

2.2. Label elements

Hazard pictograms and signal word

None.

Hazard statement

None.

Precautionary statement

None.

Additional information

EUH210 Safety data sheet available on request.

2.3. Other threats

Substances contained in the product do not meet criteria of classification as PBT/vPvB according to Annex XIII of REACH regulation.

Section 3 Composition/information on ingredients**3.1. Substances**

Not applicable.

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3.2. Mixtures

Chemical name	Identifier	Classification	Concentration
Oleyl alcohol, ethoxylated, phosphated, triethanolamine salt	CAS: 68051-99-0	Skin Irrit. 2 H315 Eye Irrit. 2 H319	<2,20%
Zinc pyrithione	CAS: 13463-41-7 EINECS: 236-671-3	Acute Tox. 3 H301 Acute Tox. 2 H330 Eye Dam. 1 H318 Aquatic Acute 1 H400 (M=100) Aquatic Chronic 1 H410 (M=10)	<0,015%
1,2-benzisothiazolin-3-one	CAS: 2634-33-5 EINECS: 220-120-9 Index number.: 613-088-00-6 REACH No.: 01-2120761540-60	Acute Tox. 2 H330 Eye Dam. 1 H318 Aquatic Acute 1 H400 (M=1) Aquatic Chronic 2 H411 Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317	<0,005%

For explanation of abbreviations see section 16

Section 4: First aid measures

4.1. Description of first aid measures

General advice: in case of accident or feeling unwell, seek medical advice immediately, if possible, show label or MSDS.

Inhalation: no special measures required.

Skin contact: take off contaminated clothing. Rinse skin with water and wash with soap and water. If skin irritation occurs, seek medical advice.

Eye contact: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. If eyes irritation persists, seek medical advice.

Ingestion: rinse mouth thoroughly with water. Do not induce vomiting. Seek medical advice if symptoms occur or if in doubt.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: does not cause negative health effects.

Skin contact: may cause dryness, redness, temporary irritation after prolonged or frequent contact.

Eye contact: may cause redness, burning sensation, tearing.

Ingestion: may cause irritation of gastrointestinal mucosa, nausea, vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water fog, carbon dioxide, powder or foam

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Unsuitable extinguishing media: strong water jet.

5.2. Special hazards arising from substance or mixture.

In case of fire, hazardous products of decomposition products such as: carbon oxide, carbon dioxide (CO₂), nitrogen oxides, phosphorus oxides (e.g. Phosphorus (V) oxide).

Flammable gases and organic substances must be classified as toxic to the respiratory system.

5.3. Information for the fire fighters

Personal protection typical in case of fire.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures.**

Use appropriate protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and materials for containment and cleaning up

Absorb with binding materials e.g. sand, diatomaceous earth, universal binding agent and place in a waste container. Treat the collected material as waste.

6.4. References to other sections

Individual safety measures– see section 8.

Disposal consideration – see section 13.

Section 7: Handling and storage**7.1. Precautions for safe handling**

General precautions must be taken when handling chemicals. Do not eat or drink while using the product. Keep away from food and drink. Wash hands before meals and after work. Avoid eyes and skin contamination. Use as intended.

7.2. Conditions for safety storage, including any incompatibilities

Store in tight, original packaging, at a temperature below 5-40°C in a well-ventilated place away from sources of fire and heat. Keep away from food.

7.3. Specific and use (s)

None.

Section 8: Exposure controls / personal protection**8.1. Control parameters**

Contains no substances with occupational exposure limit values.

8.2. Exposure Control

General protection and hygiene measures: avoid contact with eyes and skin. Wash hands before breaks and at the end of work. Protect the skin with a protective cream.

Hand and body protection: product resistant protective gloves and safety shoes.

Eye protection: use face shield if necessary.

Respiratory protection: not necessary under normal conditions of use.

Environmental exposure controls: see section 7 and section 13.

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

Physical state: liquid

Odor: characteristic

Odor threshold: not determined

pH: 7,00 – 9,00

Melting point/freezing point: not determined

Initial boiling point: 100°C

Flash point: not applicable, the product is not flammable

Evaporation rate: not determined

Flammability (solid, gas): not applicable

Upper/lower explosion limit: not determined

Vapor pressure: not determined

Vapor density (air=1): not determined

Relative density: 1,10-2,00 g/cm³

Solubility: mixes with water

Partition coefficient: n-octanol/water: not determined

Auto-ignition temperature: not determined

Decomposition temperature: not determined

Viscosity: 1000-4000 mPa·s (Brookfield DV-II + Pro, spindle No. 3, 20 RPM)

Explosive properties: does not show

Oxidizing properties: does not show

9.2. Other information

No further relevant information available.

Section 10: Stability and reactivity**10.1. Reactivity**

See sections: 10.3-10.5.

10.2. Chemical stability

The product is stable when properly used and stored.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

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Not known.

Section 11: Toxicological information**11.1. Information on toxicological effects**Acute toxicity

ATEmix (oral, skin) > 2000 mg/kg body weight

ATEmix (vapor inhalation) > 20 mg/l

ATEmix values have been calculated on the basis of the appropriate conversion factor from Table 3.1.2. derived from Regulation 1272/2008/EC.

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information**12.1. Toxicity****Toxicity of components:**Zinc pyrithione:

EC50/72h = 0,051 mg/l (Pseudokirchneriella subcapitata)

EC50/72h = 0,0013 mg/l (Skeletonema costatum)

EC50/48h = 0,051 mg/l (Dafnie)

LC50/96h = 0,0104 mg/l (Fish, zebrafish)

NOEC/21d = 0,0022 mg/l (Dafnie)

NOEC/28d = 0,00125 mg/l (Fish, zebrafish)

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NOEC/72h = 0,0149 mg/l (Pseudokirchneriella subcapitata)

NOEC/96h = 0,00046 mg/l (Skeletonema costatum)

1,2-benzisothiazolin-3-one:

EC50/72h = 0,11 mg/l (Alga)

EC50/48h = 3,27 mg/l (Dafnie)

LC50/96h = 1,6 mg/l (Fish, rainbow trout)

NOEC/21d = 1,2 mg/l (Dafnie)

NOEC/28d = 0,21 mg/l (Rainbow trout fish)

NOEC/72h = 0,04 mg/l (Alga)

Mixture toxicity:

The product is not classified as hazardous to the environment.

12.2. Persistence and degradability

No data for the mixture.

12.3. Bioaccumulative potential

No data for the mixture.

12.4. Mobility in soil

No data for the mixture.

12.5. Results of PBT and vPvB assessment

Not applicable, components do not meet the criteria of PBT or vPvB.

12.6. Other adverse effects

Not known.

Section 13: Disposal considerations**13.1. Waste treatment methods****Disposal methods for the product**

Dispose of in accordance with applicable regulations. Do not allow product to reach sewage system.

Disposal methods for used packing

Dispose of in accordance with applicable regulations.

Section 14: Transport information**14.1. UN number**

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

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MIXONYL**14.5. Environmental hazards**

Not applicable.

14.6. Special precautions for users

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations specific for the substance or mixture**

Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 28, 29

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

National Regulations:

Germany: Water hazard class (WGK): 1 (low water hazard)

15.2. Chemical safety assessment

Not applicable.

Section 16: Other information

Full text of abbreviations

H301 Toxic if swallowed

H302 Harmful if swallowed

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

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

Acute Tox. 2.3: Acute toxicity cat. 2.3

Skin Irrit. 2: Skin irritation cat. 2

Eye Dam. 1: Eye damage category 1

Eye Irrit. 2: Eye irritation cat. 2

Skin Sens. 1: Skin sensitization category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute hazard to the aquatic environment, cat. 1

Aquatic Chronic 1.2: Hazardous to the aquatic environment - long-term hazard to the aquatic environment, cat. 1.2

PBT: Persistent, bioaccumulative and toxic substances

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vPvB: Very persistent and very bioaccumulative substances

ATEmix: acute toxicity estimate of the mixture

LC₅₀: concentration of the toxic substance causing death of 50% of the population of test organisms

EC₅₀: concentration of a toxic substance that induces a specific effect in an environmental medium in 50% of test organisms under certain conditions

NOEC: the highest concentration of a toxic substance at which no adverse effects of its action are observed.

Source of data: the safety data sheet was developed based on the material safety data sheets of the raw material producers.

Further information: the safety data sheet describes the product in terms of safety requirements. The information provided is based on our current knowledge and should not be considered as a guarantee of specific product properties. Information on proper use can be found in the product technical data sheet.

This card cancels and replaces all previous versions.