



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision: 17.08.2026

**Leinos Emulsion Paint Mix**

Product code: L-670-xxx-01

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

#### 1.1. Product identifier

Leinos Emulsion Paint Mix

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

##### Use of the substance/mixture

Water-based paints, solvent-free

##### Uses advised against

No data available

#### 1.3. Details of the supplier of the safety data sheet

|                         |                                       |                                |
|-------------------------|---------------------------------------|--------------------------------|
| Company name:           | LEINOS Naturfarben                    |                                |
|                         | Reincke Naturfarben GmbH              |                                |
| Street:                 | Industriestraße 3                     |                                |
| Place:                  | D-21640 Horneburg                     |                                |
| Telephone:              | +49 (0)4163-86 747-0                  | Telefax: +49 (0)4163-86 747-29 |
| E-mail:                 | info@leinos.de                        |                                |
| E-mail:                 | reincke.naturfarben@t-online.de       |                                |
| Internet:               | www.leinos.de                         |                                |
| Responsible Department: | +49 (0)4163-86 747-0 (8:00 - 17:00 h) |                                |

#### 1.4. Emergency telephone number:

+49 (0)4163-86 747-0 (8:00 - 17:00 h)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

#### 2.2. Label elements

##### Regulation (EC) No 1272/2008

##### Hazard statements

|        |                                                                                                                                    |
|--------|------------------------------------------------------------------------------------------------------------------------------------|
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, 2-methylisothiazol-3(2H)-one. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                                                                                            |

##### Precautionary statements

|      |                                                                       |
|------|-----------------------------------------------------------------------|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.                                        |

#### 2.3. Other hazards

The mixture does not contain substances  $\geq 0.1\%$  of substances that have endocrine disrupting properties according to Regulation (EC) No. 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Spontaneous ignition possible through autoxidation of cloths soaked in the product.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Relevant ingredients



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| CAS No    | Chemical name                                                                                                                                                          |              |                  | Quantity   |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|------------|
|           | EC No                                                                                                                                                                  | Index No     | REACH No         |            |
|           | Classification (Regulation (EC) No 1272/2008)                                                                                                                          |              |                  |            |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                                                                                                               |              |                  | < 0,036 %  |
|           | 220-120-9                                                                                                                                                              | 613-088-00-6 | 01-2120761540-60 |            |
|           | Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H302 H315 H318 H317 H400 H410                           |              |                  |            |
| 2682-20-4 | 2-methylisothiazol-3(2H)-one                                                                                                                                           |              |                  | < 0,0015 % |
|           | 220-239-6                                                                                                                                                              | 613-326-00-9 | 01-2120764690-50 |            |
|           | Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071 |              |                  |            |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No    | EC No     | Chemical name                                                                                                                                                                                                                          | Quantity   |
|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|           |           | Specific Conc. Limits, M-factors and ATE                                                                                                                                                                                               |            |
| 2634-33-5 | 220-120-9 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                                                                                                                                                                               | < 0,036 %  |
|           |           | inhalation: ATE 0,21 mg/l (dusts or mists); oral: ATE 450 mg/kg Skin Sens. 1A; H317: >= 0,036 - 100<br>Aquatic Acute 1; H400: M=1<br>Aquatic Chronic 1; H410: M=1                                                                      |            |
| 2682-20-4 | 220-239-6 | 2-methylisothiazol-3(2H)-one                                                                                                                                                                                                           | < 0,0015 % |
|           |           | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100<br>Aquatic Acute 1; H400: M=10<br>Aquatic Chronic 1; H410: M=1 |            |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**After contact with skin**

Wash with plenty of water and soap.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Dry sand, Water spray jet



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### Unsuitable extinguishing media

Full water jet

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

Hazardous combustion products: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Pyrolysis products, toxic

### 5.3. Advice for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

Move undamaged containers from immediate hazard area if it can be done safely.

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Do not breathe gas/fumes/vapour/spray.

See protective measures under point 7 and 8.

#### For emergency responders

In case of fire: Wear self-contained breathing apparatus.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.3. Methods and material for containment and cleaning up

#### For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

#### For cleaning up

Clean with detergents. Avoid solvent cleaners.

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothes.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later.

#### Advice on general occupational hygiene

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV)

#### Hints on joint storage

Do not store together with: Oxidizing agent, Strong acid, Strong alkali



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### Further information on storage conditions

storage temperature: 5°C - 30°C

Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

Water-based paints, solvent-free

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

No data available

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber)

Breakthrough time:  $\geq 8$  h

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                           |         |                       |
|-----------------------------------------------------------|---------|-----------------------|
| Physical state:                                           | liquid: |                       |
| Colour:                                                   | various |                       |
| Odour:                                                    | typical |                       |
| Melting point/freezing point:                             |         | No data available     |
| Boiling point or initial boiling point and boiling range: |         | 100 °C                |
| Flammability:                                             |         | No data available     |
| Lower explosion limits:                                   |         | No data available     |
| Upper explosion limits:                                   |         | No data available     |
| Flash point:                                              |         | No data available     |
| Auto-ignition temperature:                                |         | No data available     |
| Decomposition temperature:                                |         | No data available     |
| pH-Value (at 20 °C):                                      |         | 8 - 9                 |
| Viscosity / kinematic:                                    |         | No data available     |
| Water solubility:                                         |         | No data available     |
| Solubility in other solvents                              |         | No data available     |
| Partition coefficient n-octanol/water:                    |         | No data available     |
| Vapour pressure:                                          |         | No data available     |
| Density (at 20 °C):                                       |         | 1,5 g/cm <sup>3</sup> |
| Relative vapour density:                                  |         | No data available     |
| Particle characteristics:                                 |         | No data available     |



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### 9.2. Other information

#### Other safety characteristics

Viscosity / dynamic:

No data available

Flow time:

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

### 10.5. Incompatible materials

Oxidizing agent, Strong acid, Strong alkali

### 10.6. Hazardous decomposition products

Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

#### ATEmix calculated

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg

| CAS No    | Chemical name                                            |               |         |        |        |
|-----------|----------------------------------------------------------|---------------|---------|--------|--------|
|           | Exposure route                                           | Dose          | Species | Source | Method |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one |               |         |        |        |
|           | oral                                                     | ATE 450 mg/kg |         |        |        |
|           | inhalation dust/mist                                     | ATE 0,21 mg/l |         |        |        |
| 2682-20-4 | 2-methylisothiazol-3(2H)-one                             |               |         |        |        |
|           | oral                                                     | ATE 100 mg/kg |         |        |        |
|           | dermal                                                   | ATE 300 mg/kg |         |        |        |
|           | inhalation vapour                                        | ATE 0,5 mg/l  |         |        |        |
|           | inhalation dust/mist                                     | ATE 0,05 mg/l |         |        |        |

#### Irritation and corrosivity

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.

#### Sensitising effects

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

Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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



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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.

**11.2. Information on other hazards****Endocrine disrupting properties**

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

**Other information**

There are no data available on the mixture itself.

**SECTION 12: Ecological information****12.1. Toxicity**

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

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Endocrine disrupting properties**

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

**12.7. Other adverse effects**

There are no data available on the mixture itself.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains.

Dispose according to legislation.

Non-contaminated packages may be recycled.

**List of Wastes Code - residues/unused products**

080119 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - used product**

080119 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; aqueous suspensions containing paint or varnish containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging



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**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY  
HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

Directive 2004/42/EC on VOC in  
paints and varnishes: 1 g/l

Subcategory according to  
Directive 2004/42/EC: Primers - Water-borne coatings, VOC limit value: 30 g/l

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**



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**Abbreviations and acronyms**

Acute Tox. 2: Acute toxicity, hazard category 2  
Acute Tox. 3: Acute toxicity, hazard category 3  
Acute Tox. 4: Acute toxicity, hazard category 4  
Skin Corr. 1B: Skin corrosion, sub-category 1B  
Skin Irrit. 2: Skin irritation, hazard category 2  
Eye Dam. 1: Serious eye damage, hazard category 1  
Skin Sens. 1A: Skin sensitisation, hazard category 1A  
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1  
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1

**Relevant H and EUH statements (number and full text)**

|        |                                                                                                                                    |
|--------|------------------------------------------------------------------------------------------------------------------------------------|
| H301   | Toxic if swallowed.                                                                                                                |
| H302   | Harmful 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.                                                                                               |
| H318   | Causes serious eye damage.                                                                                                         |
| H330   | Fatal if inhaled.                                                                                                                  |
| H400   | Very toxic to aquatic life.                                                                                                        |
| H410   | Very toxic to aquatic life with long lasting effects.                                                                              |
| EUH071 | Corrosive to the respiratory tract.                                                                                                |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one, 2-methylisothiazol-3(2H)-one. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                                                                                            |

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*