

**Safety Data Sheet**

according to UK REACH Regulation

**EM DiOLiN Wallfix Natura**

Revision date: 19.09.2025

Product code: 302002

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

EM DiOLiN Wallfix Natura

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

|               |                      |                             |
|---------------|----------------------|-----------------------------|
| Company name: | Diolin AG            |                             |
| Street:       | Bodenackerstrasse 64 |                             |
| Place:        | D-4657 Dulliken      |                             |
| Telephone:    | +41(0)62 285 30 70   | Telefax: +41(0)62 285 30 80 |
| E-mail:       | info@diollin.ch      |                             |
| Internet:     | www.diollin.ch       |                             |

**1.4. Emergency telephone number:** CH EU Toxzentrum Zürich, telefon +41 44 251 51 51

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****GB CLP Regulation****Special labelling of certain mixtures**

|        |                                                                                                                                                                                                     |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                                                                                                                                                             |
| EUH211 | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.                                                                                                    |

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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### Relevant ingredients

| CAS No     | Chemical name                                                                                                                                                          |              |          | Quantity    |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|-------------|
|            | EC No                                                                                                                                                                  | Index No     | REACH No |             |
|            | Classification (GB CLP Regulation)                                                                                                                                     |              |          |             |
| 13463-67-7 | titanium dioxide                                                                                                                                                       |              |          | 15 - < 20 % |
|            | 236-675-5                                                                                                                                                              | 022-006-00-2 |          |             |
|            | Carc. 2; H351                                                                                                                                                          |              |          |             |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one                                                                                                               |              |          | < 0.05 %    |
|            | 220-120-9                                                                                                                                                              | 613-088-00-6 |          |             |
|            | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400                                                                       |              |          |             |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)                                                                          |              |          | < 0.0015 %  |
|            | -                                                                                                                                                                      | 613-167-00-5 |          |             |
|            | Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 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                                      | < 0.05 %   |
|            | oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= 0.05 - 100                                                                                                                                                                                                                                                                                                                      |                                                                                               |            |
| 55965-84-9 | -                                                                                                                                                                                                                                                                                                                                                                            | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | < 0.0015 % |
|            | inhalation: ATE = 0.5 mg/l (vapours); inhalation: ATE = 0.05 mg/l (dusts or mists); dermal: ATE = 50 mg/kg; oral: ATE = 100 mg/kg Skin Corr. 1C; H314: >= 0.6 - 100 Skin Irrit. 2; H315: >= 0.06 - < 0.6 Eye Dam. 1; H318: >= 0.6 - 100 Eye Irrit. 2; H319: >= 0.06 - < 0.6 Skin Sens. 1A; H317: >= 0.0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100 |                                                                                               |            |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Rinse mouth immediately and drink 1 glass of water.

### 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

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**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable. Vapours can form explosive mixtures with air.

**5.3. Advice for firefighters**

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

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

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

Use personal protection equipment.

**6.2. Environmental precautions**

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

**6.3. Methods and material for containment and cleaning up****For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**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**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

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

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### Exposure limits (EH40)

| CAS No     | Substance                         | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|------------|-----------------------------------|-----|-------------------|-----------|---------------|--------|
| 1310-73-2  | Sodium hydroxide                  | -   | 2                 |           | STEL (15 min) | WEL    |
| 13463-67-7 | Titanium dioxide, respirable      | -   | 4                 |           | TWA (8 h)     | WEL    |
| 13463-67-7 | Titanium dioxide, total inhalable | -   | 10                |           | TWA (8 h)     | WEL    |

### 8.2. Exposure controls



#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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.

##### Skin protection

Use of protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

|                                                           |                         |
|-----------------------------------------------------------|-------------------------|
| Physical state:                                           | Flüssig                 |
| Colour:                                                   | Weiss / Je nach Farbton |
| Odour:                                                    | Mild                    |
| Melting point/freezing point:                             | 0 °C                    |
| Boiling point or initial boiling point and boiling range: | 100 °C                  |
| Flammability:                                             | not determined          |
| Lower explosion limits:                                   | not determined          |
| Upper explosion limits:                                   | not determined          |
| Flash point:                                              | not determined          |
| Auto-ignition temperature:                                | not determined          |
| Decomposition temperature:                                | not determined          |
| pH-Value:                                                 | not determined          |
| Viscosity / kinematic:                                    | not determined          |
| Water solubility:                                         | easily soluble          |
| Solubility in other solvents                              |                         |
| not determined                                            |                         |
| Partition coefficient n-octanol/water:                    | not determined          |
| Vapour pressure:                                          | not determined          |

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Density (at 20 °C): 1.52 g/cm<sup>3</sup>  
 Relative vapour density: not determined  
 Particle characteristics: not applicable

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive.

##### Oxidizing properties

The product is not: oxidising.

#### Other safety characteristics

Solid content: 60%

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

none

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Acute toxicity

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

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| 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 500 mg/kg |         |        |        |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |               |         |        |        |
|            | oral                                                                                          | ATE 100 mg/kg |         |        |        |
|            | dermal                                                                                        | ATE 50 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.

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**Sensitising effects**

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

Contains 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). 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**

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****Other information**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

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

The product is not: Ecotoxic.

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

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

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

The product has not been tested.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

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

Dispose of waste according to applicable legislation.

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

**SECTION 14: Transport information**

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**Land transport (ADR/RID)**

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

**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

|                                                             |                                        |
|-------------------------------------------------------------|----------------------------------------|
| Information according to Directive 2012/18/EU (SEVESO III): | Not subject to 2012/18/EU (SEVESO III) |
|-------------------------------------------------------------|----------------------------------------|

**National regulatory information**

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Water hazard class (D):        | - - non-hazardous to water                  |
| Skin resorption/Sensitization: | Causes allergic hypersensitivity reactions. |

**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: Acute toxicity  
 Skin Corr: Skin corrosion  
 Skin Irrit: Skin irritation  
 Eye Dam: Eye damage  
 Skin Sens: Skin sensitisation  
 Carc: Carcinogenicity  
 Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 EC/EEC: European Community/European Economic Community  
 EU: European Union  
 CAS: Chemical Abstracts Service  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 M-factor: Multiplying factor  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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

|        |                                                                                                                                                                                                     |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                                                                                                                          |
| H330   | Fatal if inhaled.                                                                                                                                                                                   |
| H351   | Suspected of causing cancer.                                                                                                                                                                        |
| 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, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. |



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EUH210

Safety data sheet available on request.

EUH211

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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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.)*