

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

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

#### 1.1 Product identifier

Trade name : Sika® Antisol® E

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

Product use : Post treatment agent

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

Company name of supplier : Sika Srbija d.o.o.  
Patrijarha Pavla 1  
22310 Šimanovci  
Srbija  
Telephone : +381 22 21 55 777  
Telefax : +381 22 21 55 780  
E-mail address of person : ehs@rs.sika.com  
responsible for the SDS

#### 1.4 Emergency telephone number

National Toxicology Institute -  
+381 11 360 84 40 (toxicologist on duty - 0- 24h)

### SECTION 2: Hazards identification

Type of product : Mixture

#### 2.1 Classification of the substance or mixture

**Classification (according to regulation governing the classification, packaging and labeling of chemicals)**

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

**Labelling (according to regulation governing the classification, packaging and labeling of chemicals)**

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P273 Avoid release to the environment.

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

### Additional Labelling

EUH208 Contains 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.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 55965-84-9. Please use treated articles responsibly.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name                                                                                 | CAS-No.<br>EC-No.<br>Registration number            | Classification<br>(according to regulation governing the classification, packaging and labeling of chemicals)                                                                                                     | Concentration<br>(% w/w) |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.                                               | 61791-44-4<br>263-177-5<br>01-2119510877-33-XXXX    | Acute Tox. 4; H302<br>Skin Corr. 1B;<br>H314<br>Eye Dam. 1; H318<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic aquatic toxicity): 1 | $\geq 0,25 - < 1$        |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9<br>Not Assigned<br>01-2120764691-48-XXXX | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Skin Corr. 1C;<br>H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A;<br>H317<br>Aquatic Acute 1;                                                        | $\geq 0,0002 - < 0,0015$ |

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

|  |  |                                                                                                |  |
|--|--|------------------------------------------------------------------------------------------------|--|
|  |  | H400<br>Aquatic Chronic 1;<br>H410                                                             |  |
|  |  | M-Factor (Acute<br>aquatic toxicity):<br>100<br>M-Factor (Chronic<br>aquatic toxicity):<br>100 |  |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.

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

- Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon diox-

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

---

ide/sand/foam/alcohol resistant foam/chemical powder for extinction.

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

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

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

Personal precautions : For personal protection see section 8.

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166  
Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.  
Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
Contaminated gloves should be removed.  
Suitable for permanent exposure:  
Viton gloves (0.4 mm),  
breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection : No special measures required.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
Colour : milky  
Odour : characteristic

Melting point/ range / Freezing point : No data available

Boiling point/boiling range : No data available

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In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

---

Flammability (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : ca. 4 (20 °C)  
Concentration: 100 %

### Viscosity

Viscosity, kinematic : No data available

### Solubility(ies)

Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 23 hPa

Density : ca. 1 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

## 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

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Country RS 100000019275

6 / 13

# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

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

#### Acute toxicity

Not classified based on available information.

#### Components:

##### Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.:

Acute oral toxicity : LD50 Oral (Rat): 1.350 mg/kg

Acute toxicity estimate: 1.350 mg/kg

Method: Calculation method

##### reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified based on available information.

##### Respiratory sensitisation

Not classified based on available information.

##### Germ cell mutagenicity

Not classified based on available information.

##### Carcinogenicity

Not classified based on available information.

##### Reproductive toxicity

Not classified based on available information.

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.:**

Toxicity to fish : LC50 (Fish): > 0,01 - 0,1 mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : IC50 (algae): 0,01 - 0,1 mg/l  
Exposure time: 72 h

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

##### **reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

### 12.2 Persistence and degradability

No data available



# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# SAFETY DATA SHEET

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

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### SECTION 14: Transport information

#### 14.1 UN number or ID number

|      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

#### 14.2 UN proper shipping name

|      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

#### 14.3 Transport hazard class(es)

|      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

#### 14.4 Packing group

|                  |   |                                   |
|------------------|---|-----------------------------------|
| ADR              | : | Not regulated as a dangerous good |
| IMDG             | : | Not regulated as a dangerous good |
| IATA (Cargo)     | : | Not regulated as a dangerous good |
| IATA (Passenger) | : | Not regulated as a dangerous good |

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

|                                                                                                |   |                |
|------------------------------------------------------------------------------------------------|---|----------------|
| International Chemical Weapons Convention (CWC)<br>Schedules of Toxic Chemicals and Precursors | : | Not applicable |
|------------------------------------------------------------------------------------------------|---|----------------|

|                    |                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REACH Information: | All substances contained in our Products are<br>- registered by our upstream suppliers, and/or<br>- registered by us, and/or<br>- excluded from the regulation, and/or |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

- exempted from the registration.

|                                                                                                                                                                                           |   |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rule book on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals (State Gazette, Nr. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020, 57/2022 and 29/2024) | : | Conditions of restriction for the following entries should be considered: Number on list 3                                                                                                                                                                                                                                              |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).                                                                                                 | : | None of the components are listed (=> 0.1 %).                                                                                                                                                                                                                                                                                           |
| REACH - List of substances subject to authorisation (Annex XIV)                                                                                                                           | : | Not applicable                                                                                                                                                                                                                                                                                                                          |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer                                                                                                                    | : | Not applicable                                                                                                                                                                                                                                                                                                                          |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast)                                                                                                                       | : | Not applicable                                                                                                                                                                                                                                                                                                                          |
| Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals                                                            | : | Not applicable                                                                                                                                                                                                                                                                                                                          |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.                                   |   | Not applicable                                                                                                                                                                                                                                                                                                                          |
| Volatile organic compounds                                                                                                                                                                | : | Law on the incentive tax for volatile organic compounds (VOCV)<br>Volatile organic compounds (VOC) content: 0,5% w/w<br>no VOC duties<br><br>Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 0,5% w/w |

### Other regulations:

Rulebook on the content of a safety data sheet (Official Gazette No. 11/24).

Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/2013, 52/2017, 21/2019, 40/2023).

Law on chemicals ("Off. gazette RS" No. 36/09, 88/10, 92/11, 93/12 and 25/15)

Law on waste management ("Off. Gazette RS" No. 36/09, 88/10, 14/16, 95/18 - other law, 35/2023)

# SAFETY DATA SHEET

In accordance with the Regulations on the content of the safety data sheet  
("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

Rulebook on categories, testing and classification of waste ("Off. gazette RS" No. 56/10, 93/19 and 39/21)

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Full text of H-Statements

|      |                                                         |
|------|---------------------------------------------------------|
| H301 | : Toxic if swallowed.                                   |
| H302 | : Harmful if swallowed.                                 |
| H310 | : Fatal in contact with skin.                           |
| H314 | : Causes severe skin burns and eye damage.              |
| 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. |

### Full text of other abbreviations

|                 |                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Tox.      | : Acute toxicity                                                                                                                                                                                                                       |
| Aquatic Acute   | : Short-term (acute) aquatic hazard                                                                                                                                                                                                    |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard                                                                                                                                                                                                   |
| Eye Dam.        | : Serious eye damage                                                                                                                                                                                                                   |
| Skin Corr.      | : Skin corrosion                                                                                                                                                                                                                       |
| Skin Sens.      | : Skin sensitisation                                                                                                                                                                                                                   |
| ADR             | : European Agreement concerning the International Carriage of Dangerous Goods by Road                                                                                                                                                  |
| CAS             | : Chemical Abstracts Service                                                                                                                                                                                                           |
| DNEL            | : Derived no-effect level                                                                                                                                                                                                              |
| EC50            | : Half maximal effective concentration                                                                                                                                                                                                 |
| GHS             | : Globally Harmonized System                                                                                                                                                                                                           |
| IATA            | : International Air Transport Association                                                                                                                                                                                              |
| IMDG            | : International Maritime Code for Dangerous Goods                                                                                                                                                                                      |
| LD50            | : Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)                                                                                               |
| LC50            | : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)                                                                                                 |
| MARPOL          | : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                                                                                                                        |
| OEL             | : Occupational Exposure Limit                                                                                                                                                                                                          |
| PBT             | : Persistent, bioaccumulative and toxic                                                                                                                                                                                                |
| PNEC            | : Predicted no effect concentration                                                                                                                                                                                                    |
| REACH           | : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC            | : Substances of Very High Concern                                                                                                                                                                                                      |

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("Sl. glasnik RS", br. 11/24)



## Sika® Antisol® E

Revision Date 28.03.2025

Version 5.1

Print Date 16.12.2025

vPvB : Very persistent and very bioaccumulative

according to regulation governing the classification, packaging and labeling of chemicals : (REGULATION (EC) No 1272/2008); Rulebook on classification, packaging, labeling and advertising of chemicals and products in accordance with UN Globally Harmonized System of Classification and Labelling ("State Gazz. RS", 105/2013, 52/2017, 21/2019, 40/2023).

### Further information

#### Classification of the mixture:

Aquatic Chronic 3 H412

#### Classification procedure:

Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !

RS / EN