

# SAFETY DATA SHEET

Date of issue/Date of revision

: 26 June 2025

Version

: 1.05



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

### 1.1 Product identifier

**Product name** : Akvilac CE 25  
**Product code** : SDS-320TW00013-seria  
**Other means of identification**  
SKU-720000733T

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

**Product use** : Industrial applications, Professional applications, Used by spraying.  
**Use of the substance/mixture** : Coating.  
**Uses advised against** : Product is not intended, labelled or packaged for consumer use.

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

Tikkurila Oyj  
P.O. Box 53  
FI-01301 VANTAA  
FINLAND  
Tel. +358 20 191 2000

**e-mail address of person responsible for this SDS** : Product.Stewardship.EMEA@ppg.com

### 1.4 Emergency telephone number

#### Supplier

Tikkurila Oyj  
+358 20 191 2000 (GMT +2) Mon-Fri 8-16

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture  
**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**  
Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

## SECTION 2: Hazards identification

- Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.  
 P501  
**Supplemental label elements** : Contains adipohydrazide, 1,2-benzisothiazol-3(2H)-one and 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.  
 Safety data sheet available on request.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

### Special packaging requirements

- Containers to be fitted with child-resistant fastenings** : Not applicable.  
**Tactile warning of danger** : Not applicable.

### 2.3 Other hazards

- Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
**Other hazards which do not result in classification** : None known.

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures** : Mixture

| Product/ingredient name         | Identifiers   | % by weight | Classification   | Specific Conc. Limits, M-factors and ATEs   | Type |
|---------------------------------|---|-------------|--|---|------|
| 2-methoxymethylethoxy) propanol | EC: 252-104-2<br>CAS: 34590-94-8                                | ≥1.0 - ≤5.0 | Not classified.  | -   | [2]  |
| adipohydrazide                  | REACH #:<br>01-2119962900-36<br>EC: 213-999-5<br>CAS: 1071-93-8 | <1.0        | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   | -   | [1]  |
| 1,2-benzisothiazol-3(2H)-one    | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6          | <0.036      | Acute Tox. 4, H302<br>Acute Tox. 2, H330<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | ATE [Oral] = 450 mg/kg<br>ATE [Inhalation (dusts and mists)] = 0.21 mg/l<br>Skin Sens. 1, H317: C<br>≥ 0.036%<br>M [Acute] = 1<br>M [Chronic] = 1 | [1]  |

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

### SECTION 3: Composition/information on ingredients

|   |  |         |   |  |     |
|---|--|---------|---|--|-----|
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | REACH #: 01-2120764691-48<br>EC: 911-418-6<br>CAS: 55965-84-9<br>Index: 613-167-00-5 | <0.0015 | Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Acute Tox. 2, H330<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>EUH071<br><br><b>See Section 16 for the full text of the H statements declared above.</b> | ATE [Oral] = 53 mg/kg<br>ATE [Dermal] = 50 mg/kg<br>ATE [Inhalation (vapours)] = 0.5 mg/l<br>Skin Corr. 1C, H314: C ≥ 0.6%<br>Skin Irrit. 2, H315: 0.06% ≤ C < 0.6%<br>Eye Dam. 1, H318: C ≥ 0.6%<br>Eye Irrit. 2, H319: 0.06% ≤ C < 0.6%<br>Skin Sens. 1, H317: C ≥ 0.0015%<br>M [Acute] = 100<br>M [Chronic] = 100 | [1] |
|---|--|---------|---|--|-----|

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

**SUB codes represent substances without registered CAS Numbers.**

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
- Protection of first-aiders** :  No action shall be taken involving any personal risk or without suitable training.

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

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** :  No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
Akvilac CE 25

## SECTION 4: First aid measures

### Over-exposure signs/symptoms

- Eye contact : No specific data.  
Inhalation : No specific data.  
Skin contact :  No specific data.  
Ingestion : No specific data.

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

- Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
Specific treatments : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.  
Unsuitable extinguishing media : None known.

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

- Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst.  
Hazardous combustion products : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

- Special precautions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.  
Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

- For non-emergency personnel :  No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.  
For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

Code : SDS-320TW00013-seria

Date of issue/Date of revision

: 26 June 2025

Akvilac CE 25

## SECTION 6: Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.
- 6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

- : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

| Product/ingredient name         | Exposure limit values  |
|---------------------------------|--|
| (2-methoxymethylethoxy)propanol | EU OEL (Europe, 1/2022) [(2-Methoxymethylethoxy)-propanol]<br>Absorbed through skin.<br>TWA 8 hours: 50 ppm.<br>TWA 8 hours: 308 mg/m <sup>3</sup> . |

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

## SECTION 8: Exposure controls/personal protection

**Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

| Product/ingredient name   | Exposure  | Value   |
|---|---|---|
| 2-methoxymethylethoxy)propanol  | DNEL - General population - Long term - Oral        | <i>Effects: Systemic</i> 36 mg/kg bw/day        |
|   | DNEL - General population - Long term - Inhalation  | <i>Effects: Systemic</i> 37.2 mg/m <sup>3</sup> |
| adipohydrazide  | DNEL - General population - Long term - Dermal      | <i>Effects: Systemic</i> 121 mg/kg bw/day       |
|   | DNEL - Workers - Long term - Dermal                 | <i>Effects: Systemic</i> 283 mg/kg bw/day       |
|   | DNEL - Workers - Long term - Inhalation             | <i>Effects: Systemic</i> 308 mg/m <sup>3</sup>  |
|   | DNEL - Workers - Long term - Inhalation             | <i>Effects: Systemic</i> 17.5 mg/m <sup>3</sup> |
| 1,2-benzisothiazol-3(2H)-one  | DNEL - General population - Long term - Dermal      | <i>Effects: Systemic</i> 0.345 mg/kg bw/day     |
|   | DNEL - Workers - Long term - Dermal                 | <i>Effects: Systemic</i> 0.966 mg/kg bw/day     |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | DNEL - General population - Long term - Inhalation  | <i>Effects: Systemic</i> 1.2 mg/m <sup>3</sup>  |
|   | DNEL - Workers - Long term - Inhalation             | <i>Effects: Systemic</i> 6.81 mg/m <sup>3</sup> |
|   | DNEL - General population - Long term - Inhalation  | <i>Effects: Local</i> 0.02 mg/m <sup>3</sup>    |
|   | DNEL - Workers - Long term - Inhalation             | <i>Effects: Local</i> 0.02 mg/m <sup>3</sup>    |
|   | DNEL - General population - Short term - Inhalation | <i>Effects: Local</i> 0.04 mg/m <sup>3</sup>    |
|   | DNEL - Workers - Short term - Inhalation            | <i>Effects: Local</i> 0.04 mg/m <sup>3</sup>    |
|   | DNEL - General population - Long term - Oral        | <i>Effects: Systemic</i> 0.09 mg/kg bw/day      |
|   | DNEL - General population - Short term - Oral       | <i>Effects: Systemic</i> 0.11 mg/kg bw/day      |

### PNECs

| Product/ingredient name        | Compartment Detail - Method                      | Value      |
|--------------------------------|--|------------|
| 2-methoxymethylethoxy)propanol | Fresh water - Assessment Factors                 | 19 mg/l    |
|                                | Marine water - Assessment Factors                | 1.9 mg/l   |
|                                | Sewage Treatment Plant - Assessment Factors      | 4168 mg/l  |
|                                | Fresh water sediment - Equilibrium Partitioning  | 70.2 mg/kg |
|                                | Marine water sediment - Equilibrium Partitioning | 7.02 mg/kg |
|                                | Soil - Equilibrium Partitioning                  | 2.74 mg/kg |

### 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

Code : SDS-320TW00013-seria

Date of issue/Date of revision

: 26 June 2025

Akvilac CE 25

## SECTION 8: Exposure controls/personal protection

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety glasses with side shields. Use eye protection according to EN 166.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Gloves** : For prolonged or repeated handling, use the following type of gloves:  
  
Recommended: butyl rubber, nitrile rubber
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Liquid.
- Colour** : Milky Clear
- Odour** : Characteristic.
- Melting point/freezing point** : Not determined.
- Boiling point or initial boiling point and boiling range** : >37.78°C
- Flammability** : Not determined. There are no data available on the mixture itself.
- Lower and upper explosion limit** : Not available.
- Flash point** : Closed cup: Not applicable.
- Auto-ignition temperature** :

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

## SECTION 9: Physical and chemical properties

| Ingredient name                | °C  | °F    | Method  |
|--------------------------------|-----|-------|---------|
| 2-methoxymethylethoxy)propanol | 207 | 404.6 | EU A.15 |

**Decomposition temperature** : Stable under recommended storage and handling conditions (see Section 7).

**pH** : 7.5 to 8

**Viscosity** : Dynamic (room temperature): Not available.  
 Kinematic (room temperature): Not available.  
 Kinematic (40°C): >21 mm<sup>2</sup>/s

**Solubility** :

| Media      | Result            |
|------------|-------------------|
| cold water | Partially soluble |

**Partition coefficient n-octanol/ water (log Pow)** : Not applicable.

**Vapour pressure** :

| Ingredient name | Vapour Pressure at 20°C |     |        | Vapour pressure at 50°C |     |        |
|-----------------|-------------------------|-----|--------|-------------------------|-----|--------|
|                 | mm Hg                   | kPa | Method | mm Hg                   | kPa | Method |
| water           | 17.5                    | 2.3 |        |                         |     |        |

**Relative density** : 1

### Particle characteristics

**Median particle size** : Not applicable.

## 9.2 Other information

### 9.2.1 Information with regard to physical hazard classes

**Explosive properties** : The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.

**Oxidising properties** : Product does not present an oxidizing hazard.

No additional information.

## 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.

**10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.

**10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

**10.6 Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

## SECTION 11: Toxicological information

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

The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly.

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

#### Acute toxicity

| Product/ingredient name   | Result   | Dose / Exposure     |
|---|--|---------------------|
| dipohydrazide   | Rat - Oral - LD50  | >2000 mg/kg         |
| 1,2-benzisothiazol-3(2H)-one  | Rat - Inhalation - LC50 Dusts and mists  | 5.3 mg/l [4 hours]  |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | Rat - Oral - LD50  | 450 mg/kg           |
|   | Rat - Inhalation - LC50 Dusts and mists  | 0.21 mg/l [4 hours] |
|   | Rat - Oral - LD50  | 53 mg/kg            |
|   | <i>Toxic effects:</i> Behavioral - Somnolence (general depressed activity) Behavioral - Ataxia Lung, Thorax, or Respiration - Respiratory depression |                     |

#### Acute toxicity estimates

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

#### Irritation/Corrosion

##### Conclusion/Summary

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

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

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

#### Respiratory or skin sensitization

| Product/ingredient name      | Test                       | Result              |
|------------------------------|----------------------------|---------------------|
| 1,2-benzisothiazol-3(2H)-one | Guinea pig - skin OECD 406 | Result: Sensitising |

##### Conclusion/Summary

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

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

#### 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.

#### Specific target organ toxicity (single exposure)

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

#### Specific target organ toxicity (repeated exposure)

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

#### Aspiration hazard

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

**Information on likely routes of exposure** : Not available.

#### Potential acute health effects

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

Code : SDS-320TW00013-seria

Date of issue/Date of revision

: 26 June 2025

Akvilac CE 25

## SECTION 11: Toxicological information

**Skin contact** :  No known significant effects or critical hazards.

**Eye contact** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation** : No specific data.

**Ingestion** : No specific data.

**Skin contact** :  No specific data.

**Eye contact** : No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

**Potential immediate effects** : No known significant effects or critical hazards.

**Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

**General** :  No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

**Other information** :  Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Contains isothiazolinones. May cause allergic reaction.

## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

There are no data available on the mixture itself.  
Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

### 12.1 Toxicity

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
 Akvilac CE 25

## SECTION 12: Ecological information

| Product/ingredient name      | Result         | Species       | Dose / Exposure             |
|------------------------------|----------------|---------------|-----------------------------|
| adipohydrazide               | LC50           | Fish          | >100 mg/l [96 hours]        |
|                              | EC50           | Daphnia       | >106 mg/l [48 hours]        |
|                              | EC50           | Algae         | 8.7 to 9.19 mg/l [72 hours] |
| 1,2-benzisothiazol-3(2H)-one | Acute - EC50   | Algae         | 0.11 mg/l [72 hours]        |
|                              | Chronic - NOEC | Algae - Trout | 0.0403 mg/l [72 hours]      |
|                              | Acute - EC50   | Daphnia       | 2.9 mg/l [48 hours]         |
|                              | Acute - LC50   | Fish          | 2.15 mg/l [96 hours]        |

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

### 12.2 Persistence and degradability

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

| Product/ingredient name      | Aquatic half-life | Photolysis | Biodegradability |
|------------------------------|-------------------|------------|------------------|
| 1,2-benzisothiazol-3(2H)-one | -                 | -          | Not readily      |

### 12.3 Bioaccumulative potential

| Product/ingredient name        | LogP <sub>ow</sub> | BCF | Potential |
|--------------------------------|--------------------|-----|-----------|
| 2-methoxymethylethoxy)propanol | 0.004              | -   | Low       |
| adipohydrazide                 | -2.7               | -   | Low       |
| 1,2-benzisothiazol-3(2H)-one   | 0.7                | -   | Low       |

### 12.4 Mobility in soil

#### Soil/water partition coefficient

| Product/ingredient name      | logK <sub>oc</sub> | K <sub>oc</sub> |
|------------------------------|--------------------|-----------------|
| adipohydrazide               | 1.74               | 55.2165         |
| 1,2-benzisothiazol-3(2H)-one | 1.86               | 73.142          |

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

Code : SDS-320TW00013-seria  
 Akvilac CE 25

Date of issue/Date of revision : 26 June 2025

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                 | ADR/RID         | ADN   | IMDG            | IATA            |
|---------------------------------|-----------------|---|-----------------|-----------------|
| 14.1 UN number or ID number     | Not regulated.  | 9006  | Not regulated.  | Not regulated.  |
| 14.2 UN proper shipping name    | -               | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | -               | -               |
| 14.3 Transport hazard class(es) | -               | 9   | -               | -               |
| 14.4 Packing group              | -               | -   | -               | -               |
| 14.5 Environmental hazards      | No.             | Yes.  | No.             | No.             |
| Marine pollutant substances     | Not applicable. | Not applicable.                                     | Not applicable. | Not applicable. |

### Additional information

**ADR/RID** : None identified.

**ADN** : The product is only regulated as a dangerous good when transported in tank vessels.

**IMDG** : None identified.

**IATA** : None identified.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Code : SDS-320TW00013-seria Date of issue/Date of revision : 26 June 2025  
Akvilac CE 25

## SECTION 14: Transport information

14.7 Maritime transport in bulk according to IMO instruments : Not applicable.

## SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

Explosive precursors : Not applicable.

Ozone depleting substances (EU 2024/590)

Not listed.

VOC for Ready-for-Use Mixture : IIA/e. Interior/exterior trim varnishes and woodstains, including opaque woodstains. EU limit values: 130 g/l (2010.)  
This product contains a maximum of 130 g/l VOC.

Seveso Directive

This product is not controlled under the Seveso Directive.

Biocidal products regulation : Contains a biocidal product; C(M)IT/MIT (3:1)

15.2 Chemical safety assessment : No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms**

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

PBT = Persistent, Bioaccumulative and Toxic

vPvB = Very Persistent and Very Bioaccumulative

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

IMDG = International Maritime Dangerous Goods

IATA = International Air Transport Association

Full text of abbreviated H statements

**Code** : SDS-320TW00013-seria **Date of issue/Date of revision** : 26 June 2025  
**Akvilac CE 25**

## SECTION 16: Other information

|        |   |
|--------|---|
| 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.                                     |
| 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.      |
| EUH071 | Corrosive to the respiratory tract.                   |

### Full text of classifications [CLP/GHS]

|                   |   |
|-------------------|---|
| Acute Tox. 2      | ACUTE TOXICITY - Category 2                     |
| Acute Tox. 3      | ACUTE TOXICITY - Category 3                     |
| Acute Tox. 4      | ACUTE TOXICITY - Category 4                     |
| Aquatic Acute 1   | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1  |
| Aquatic Chronic 1 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 |
| Aquatic Chronic 2 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 |
| Eye Dam. 1        | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1  |
| Skin Corr. 1C     | SKIN CORROSION/IRRITATION - Category 1C         |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2          |
| Skin Sens. 1A     | SKIN SENSITISATION - Category 1A                |
| Skin Sens. 1B     | SKIN SENSITISATION - Category 1B                |

### History

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### Disclaimer

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