# SAFETY DATA SHEET

**Date of issue/Date of revision** : 28 March 2024 **Version** : 1.03

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

### 1.1 Product identifier

**Product name** : FONTECRYL SC-EF 50

**Product code** : SDS-FI60009S

**Other means of identification**

SKU-710010315; SKU-710010315T; SKU-710010316

### 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.

## SECTION 2: Hazards identification

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

**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

**Hazardous ingredients** : Not applicable.

**Supplemental label elements** : Contains 2,4,7,9-tetramethyldec-5-yne-4,7-diol and 1,2-benzisothiazol-3(2H)-one. 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** : 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-butoxyethanol | REACH #: 01-2119475108-36<br>EC: 203-905-0<br>CAS: 111-76-2<br>Index: 603-014-00-0 | ≥1.0 - ≤5.0 | Acute Tox. 4, H302<br>Acute Tox. 3, H331<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 | ATE [Oral] = 1200 mg/kg<br>ATE [Inhalation (vapours)] = 3 mg/l | [1] [2] |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | REACH #: 01-2119954390-39<br>EC: 204-809-1<br>CAS: 126-86-3 | ≤0.30 | Eye Dam. 1, H318<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412 | - | [1] |
| 1,2-benzisothiazol-3(2H)-one | EC: 220-120-9<br>CAS: 2634-33-5<br>Index: 613-088-00-6 | <0.050 | Acute Tox. 4, H302<br>Acute Tox. 2, H330<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 | ATE [Oral] = 1020 mg/kg<br>ATE [Inhalation (dusts and mists)] = 0.4 mg/l | [1] |

## SECTION 3: Composition/information on ingredients

| | | | | | |
|---|---|---|---|---|---|
| | | | Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411<br>**See Section 16 for the full text of the H statements declared above.** | Skin Sens. 1, H317: C ≥ 0.05%<br>M [Acute] = 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.

**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
phosphorus 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

**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).

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.

**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-butoxyethanol | **EU OEL (Europe, 1/2022). Absorbed through skin.**<br>STEL: 246 mg/m³ 15 minutes.<br>STEL: 50 ppm 15 minutes.<br>TWA: 98 mg/m³ 8 hours.<br>TWA: 20 ppm 8 hours. |

**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**

## SECTION 8: Exposure controls/personal protection

| Product/ingredient name | Type | Exposure | Value | Population | Effects |
|---|---|---|---|---|---|
| 2-butoxyethanol | DNEL | Long term Oral | 6.3 mg/kg bw/day | General population | Systemic |
| | DNEL | Short term Oral | 26.7 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 59 mg/m³ | General population | Systemic |
| | DNEL | Long term Inhalation | 98 mg/m³ | Workers | Systemic |
| | DNEL | Short term Inhalation | 147 mg/m³ | General population | Local |
| | DNEL | Short term Inhalation | 246 mg/m³ | Workers | Local |
| | DNEL | Short term Inhalation | 426 mg/m³ | General population | Systemic |
| | DNEL | Short term Inhalation | 1091 mg/m³ | Workers | Systemic |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | DNEL | Long term Oral | 0.25 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 0.25 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Inhalation | 0.43 mg/m³ | General population | Systemic |
| | DNEL | Long term Dermal | 0.5 mg/kg bw/day | Workers | Systemic |
| | DNEL | Short term Oral | 0.75 mg/kg bw/day | General population | Systemic |
| | DNEL | Short term Dermal | 0.75 mg/kg bw/day | General population | Systemic |
| | DNEL | Short term Inhalation | 1.29 mg/m³ | General population | Systemic |
| | DNEL | Short term Dermal | 1.5 mg/kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 1.76 mg/m³ | Workers | Systemic |
| | DNEL | Short term Inhalation | 5.28 mg/m³ | Workers | Systemic |
| 1,2-benzisothiazol-3(2H)-one | DNEL | Long term Dermal | 0.345 mg/kg bw/day | General population | Systemic |
| | DNEL | Long term Dermal | 0.966 mg/kg bw/day | Workers | Systemic |
| | DNEL | Long term Inhalation | 1.2 mg/m³ | General population | Systemic |
| | DNEL | Long term Inhalation | 6.81 mg/m³ | Workers | Systemic |

**PNECs**

| Product/ingredient name | Type | Compartment Detail | Value | Method Detail |
|---|---|---|---|---|
| 2-butoxyethanol | - | Fresh water | 8.8 mg/l | Assessment Factors |
| | - | Marine water | 0.88 mg/l | Assessment Factors |
| | - | Fresh water sediment | 34.6 mg/kg | Equilibrium Partitioning |
| | - | Marine water sediment | 3.46 mg/kg | Equilibrium Partitioning |
| | - | Soil | 3.13 mg/kg | Equilibrium Partitioning |
| | - | Sewage Treatment Plant | 463 mg/l | Assessment Factors |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | - | Fresh water | 0.04 mg/l | Assessment Factors |
| | - | Marine water | 0.004 mg/l | Assessment Factors |
| | - | Sewage Treatment Plant | 7 mg/l | Assessment Factors |
| | - | Fresh water sediment | 0.32 mg/kg dwt | Equilibrium Partitioning |
| | - | Marine water sediment | 0.032 mg/kg dwt | Equilibrium Partitioning |
| | - | Soil | 0.028 mg/kg dwt | Equilibrium Partitioning |

### 8.2 Exposure controls

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

**Individual protection measures**

**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.

## SECTION 8: Exposure controls/personal protection

**Gloves** : For prolonged or repeated handling, use the following type of gloves:

Recommended: butyl 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** : Various

**Odour** : Characteristic.

**Odour threshold** : Not available.

**Melting point/freezing point** : May start to solidify at the following temperature: 0°C (32°F) This is based on data for the following ingredient: water. Weighted average: -4.68°C (23.6°F)

**Initial boiling point and boiling range** : >37.78°C

**Flammability** : Not available.

**Upper/lower flammability or explosive limits** : Not available.

**Flash point** : Closed cup: Not applicable.

**Auto-ignition temperature** :

| Ingredient name | °C | °F | Method |
|---|---|---|---|
| 2-butoxyethanol | 230 | 446 | DIN 51794 |

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

**pH** : 6 to 9

**Viscosity** : Kinematic (40°C): >21 $mm^2/s$

**Solubility(ies)** :

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

## SECTION 9: Physical and chemical properties

**Partition coefficient: n-octanol/water** : 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 | | | | |

**Evaporation rate** : 0.072 (2-butoxyethanol) compared with butyl acetate

**Relative density** : 1.19

**Vapour density** : Highest known value: 4.1 (Air = 1) (2-butoxyethanol).

**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.

**Particle characteristics**

**Median particle size** : Not applicable.

### 9.2 Other information

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 phosphorus oxides metal oxide/oxides

## SECTION 11: Toxicological information

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

**Acute toxicity**

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| 2-butoxyethanol | LC50 Inhalation Vapour | Rat | 3 mg/l | 4 hours |
| | LD50 Dermal | Rat | >2000 mg/kg | - |
| | LD50 Oral | Rat | 1200 mg/kg | - |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | LC50 Inhalation Dusts and mists | Rat | >20 mg/l | 1 hours |
| | LD50 Dermal | Rabbit | >2000 mg/kg | - |
| | LD50 Oral | Rat | 4.6 g/kg | - |
| 1,2-benzisothiazol-3(2H)-one | LC50 Inhalation Dusts and | Rat | 0.4 mg/l | 4 hours |

## SECTION 11: Toxicological information

| | | | | |
|---|---|---|---|---|
| | mists<br>LD50 Oral | Rat | 1020 mg/kg | - |

**Conclusion/Summary** : There are no data available on the mixture itself.

### Acute toxicity estimates

| Route | ATE value |
|---|---|
| Oral<br>Inhalation (vapours) | 41730.42 mg/kg<br>104.33 mg/l |

### Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|---|---|---|---|---|
| 2-butoxyethanol | Eyes - Irritant<br>Skin - Moderate irritant | Rabbit<br>Rabbit | -<br>- | 24 hours<br>4 hours | 21 days<br>28 days |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | Eyes - Severe irritant<br>Skin - Mild irritant | Rabbit<br>Rabbit | -<br>- | 0.1 Mililiters<br>0.5 Grams | -<br>- |

**Conclusion/Summary**

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

### Sensitisation

| Product/ingredient name | Route of exposure | Species | Result |
|---|---|---|---|
| 1,2-benzisothiazol-3(2H)-one | skin | Guinea pig | Sensitising |

**Conclusion/Summary**

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

**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.

**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.

## SECTION 11: Toxicological information

**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** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

**Conclusion/Summary** : Not available.

**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** : Not available.

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

Not available.

#### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|---|---|---|---|
| 2-butoxyethanol | Acute LC50 1474 mg/l | Fish | 96 hours |
| | Chronic NOEC >100 mg/l | Fish | 21 days |
| 1,2-benzisothiazol-3(2H)-one | Acute EC50 0.11 mg/l | Algae | 72 hours |
| | Acute EC50 2.9 mg/l | Daphnia | 48 hours |
| | Acute LC50 2.15 mg/l | Fish | 96 hours |
| | Chronic NOEC 0.0403 mg/l | Algae | 72 hours |

**Conclusion/Summary** : There are no data available on the mixture itself.

### 12.2 Persistence and degradability

**Conclusion/Summary** : There are no data available on the mixture itself.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|---|---|---|
| 2-butoxyethanol | - | - | Readily |
| 1,2-benzisothiazol-3(2H)-one | - | - | Readily |

# SECTION 12: Ecological information

## 12.3 Bioaccumulative potential

| Product/ingredient name | $LogP_{ow}$ | BCF | Potential |
|---|---|---|---|
| 2-butoxyethanol | 0.81 | - | Low |
| 1,2-benzisothiazol-3(2H)-one | 0.7 | - | Low |

## 12.4 Mobility in soil

**Soil/water partition coefficient ($K_{oc}$)** : Not available.

**Mobility** : Not available.

## 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

Not available.

## 12.7 Other adverse effects

No known significant effects or critical hazards.

# 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.

### European waste catalogue (EWC)

| Waste code | Waste designation |
|---|---|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |

### 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.

| Type of packaging | European waste catalogue (EWC) |
|---|---|
| Container | 15 01 06 mixed packaging |

**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.

# 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.

**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** : Not applicable.

**Explosive precursors** : Not applicable.

**Ozone depleting substances (1005/2009/EU)**

## SECTION 15: Regulatory information

Not listed.

**VOC for Ready-for-Use Mixture** : IIA/i. One-pack performance coatings. EU limit values: 140 g/l (2010.)
This product contains a maximum of 140 g/l VOC.

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**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**

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

**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 2 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 |
| Aquatic Chronic 3 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 |
| Eye Dam. 1 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 |
| Eye Irrit. 2 | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 |
| Skin Irrit. 2 | SKIN CORROSION/IRRITATION - Category 2 |
| Skin Sens. 1 | SKIN SENSITISATION - Category 1 |
| Skin Sens. 1B | SKIN SENSITISATION - Category 1B |

**History**

**Date of issue/ Date of revision** : 28 March 2024

## SECTION 16: Other information

**Date of previous issue** : 11 March 2024

**Prepared by** : EHS

**Version** : 1.03

**Disclaimer**

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*