

QUIXX Liquid Leather

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law
Issue date: 20/10/2023 Revision date: 20/10/2023 Supersedes version of: 31/08/2022 Version: 2.01



Repair it. Yourself!

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

1.1. Product identifier

Product form : Mixture
Trade name : QUIXX Liquid Leather

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use
Use of the substance/mixture : Leather treatment products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

E.V.I. GmbH
Hainbuchenring 4
DE- 82061 Neuried
Germany
T +49 (0)89 745062-0 - F +49 (0)89 745062-99
www.e-v-i.de

Email competent person

sds@kft.de

Importer

JRP Distribution Ltd
Unit 10A, Chichester Business Park, City Fields Way Tangmere, West
Sussex, PO20 2FT
T +44 1903 750355
sales@jrpdistribution.co.uk

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|---------|---|---|
| United Kingdom | National Health Service (NHS) England / Scotland / Wales / Northern Ireland | - | England / Scotland: 111 Wales: 111 or 0845 46 47 Northern Ireland: call your local General Practitioner. For life-threatening emergencies: call 999 for an ambulance. | 24 h medical helpline for general public |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.

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| | |
|---------------------------|--|
| EUH-statements | : EUH208 - Contains TETRAMETHYL DECYNEDIOL, METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE. May produce an allergic reaction. |
| Child-resistant fastening | : Not applicable |
| Tactile warning | : Not applicable |

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

| Component | |
|--|---|
| Silicon dioxide (112945-52-5) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| ethanediol (107-21-1) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|-------------------|---|
| Silicon dioxide substance with national workplace exposure limit(s) (GB) | CAS-No.: 112945-52-5 EC-No.: 231-545-4 REACH-no: 01-2119379499-16-xxxx | $\geq 2.5 - < 5$ | Not classified |
| ethanediol substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit | CAS-No.: 107-21-1 EC-No.: 203-473-3 EC Index-No.: 603-027-00-1 | $\geq 1 - < 2.5$ | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) STOT RE 2, H373 |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol | CAS-No.: 126-86-3 EC-No.: 204-809-1 | $\geq 0.25 - < 1$ | Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 |

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| | | | |
|---|---|-------|---|
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Note B) | CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5 | < 0.1 | Acute Tox. 2 (Inhalation), H330 (ATE=0.33 mg/l/4h) Acute Tox. 2 (Dermal), H310 (ATE=87.12 mg/kg bodyweight) Acute Tox. 3 (Oral), H301 (ATE=64 mg/kg bodyweight) Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071 |
|---|---|-------|---|

| Specific concentration limits: | | |
|---|---|---|
| Name | Product identifier | Specific concentration limits |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5 | (0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤ C < 0.6) Eye Irrit. 2, H319 (0.06 ≤ C < 0.6) Skin Irrit. 2, H315 (0.6 ≤ C ≤ 100) Eye Dam. 1, H318 (0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 |

Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: '... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : In all cases of doubt, or when symptoms persist, seek medical attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : May affect kidneys. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Strong water jet. |

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides.

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5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
- Other information : Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Silicon dioxide (112945-52-5) | |
|---|---------------------|
| United Kingdom - Occupational Exposure Limits | |
| Local name | Silica, amorphous |
| WEL TWA (OEL TWA) [1] | 6 mg/m ³ |

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| ethanediol (107-21-1) | |
|---|---|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Ethylene glycol |
| IOEL TWA | 52 mg/m ³ |
| IOEL TWA [ppm] | 20 ppm |
| IOEL STEL | 104 mg/m ³ |
| IOEL STEL [ppm] | 40 ppm |
| Remark | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Ethane-1,2-diol |
| WEL TWA (OEL TWA) [1] | 10 mg/m ³ particulate 52 mg/m ³ vapour |
| WEL TWA (OEL TWA) [2] | 20 ppm vapour |
| WEL STEL (OEL STEL) | 104 mg/m ³ vapour |
| WEL STEL (OEL STEL) [ppm] | 40 ppm vapour |
| Remark | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

| ethanediol (107-21-1) | |
|---|--------------------------|
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 106 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 35 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects, dermal | 53 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 7 mg/m ³ |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | |
| DNEL/DMEL (Workers) | |
| Acute - systemic effects, dermal | 1.5 mg/kg bodyweight/day |
| Acute - systemic effects, inhalation | 5.28 mg/m ³ |
| Long-term - systemic effects, dermal | 0.5 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 1.76 mg/m ³ |
| DNEL/DMEL (General population) | |
| Acute - systemic effects, dermal | 0.75 mg/kg bodyweight |
| Acute - systemic effects, inhalation | 1.29 mg/m ³ |

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| | |
|---|---------------------------|
| Acute - systemic effects, oral | 0.75 mg/kg bodyweight |
| Long-term - systemic effects,oral | 0.25 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 0.43 mg/m ³ |
| Long-term - systemic effects, dermal | 0.25 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 0.04 mg/l |
| PNEC aqua (marine water) | 0.004 mg/l |
| PNEC aqua (intermittent, freshwater) | 0.4 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 0.32 mg/kg dwt |
| PNEC sediment (marine water) | 0.032 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 0.028 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 7 mg/l |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
| DNEL/DMEL (Workers) | |
| Acute - local effects, inhalation | 0.04 mg/m ³ |
| Long-term - local effects, inhalation | 0.02 mg/m ³ |
| DNEL/DMEL (General population) | |
| Acute - systemic effects, oral | 0.11 mg/kg bodyweight |
| Acute - local effects, inhalation | 0.04 mg/m ³ |
| Long-term - systemic effects,oral | 0.09 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 0.02 mg/m ³ |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 0.00339 mg/l |
| PNEC aqua (marine water) | 0.00339 mg/l |
| PNEC aqua (intermittent, freshwater) | 0.00339 mg/l |
| PNEC aqua (intermittent, marine water) | 0.00339 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 0.027 mg/kg dwt |
| PNEC sediment (marine water) | 0.027 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 0.01 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 0.23 mg/l |

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Use splash goggles when eye contact due to splashing is possible. ISO 16321-1

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. EN ISO 13688. EN 13034

Hand protection:

In case of repeated or prolonged contact wear gloves. Nitrile rubber. ISO 374-1. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Breathing apparatus with filter. AX. . Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

The above mentioned instructions regarding the protective equipment refer to the industrial use of larger quantities.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------------|
| Physical state | : Liquid |
| Colour | : Various colours. |
| Appearance | : Viscous liquid. |
| Odour | : Not available |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : 100 °C |
| Flammability | : Not available |
| Explosive properties | : Product is not explosive. |
| Oxidising properties | : Non oxidizing. |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |
| pH | : Not available |
| Viscosity, kinematic | : Not available |
| Solubility | : Water: Insoluble |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |

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| | |
|---------------------------------|-----------------------|
| Vapour pressure at 50°C | : Not available |
| Density | : 1 g/cm ³ |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content : 1.12 %

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

| | |
|-----------------------------|---|
| Acute toxicity (oral) | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal) | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

| QUIXX Liquid Leather | |
|--|---|
| ATE CLP (oral) | > 5000 mg/kg bodyweight |
| ethanediol (107-21-1) | |
| LD50 oral rat | 7712 mg/kg bodyweight |
| LD50 oral | 1600 mg/kg bodyweight (human (estimated value)) |
| LD50 dermal | > 3500 mg/kg bodyweight (mouse) |
| LC50 Inhalation - Rat | > 2.5 mg/l (6 h) |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
| LD50 oral rat | 64 mg/kg bodyweight (male) |
| LD50 dermal rabbit | 87.12 mg/kg bodyweight (Active substance; male) |
| LC50 Inhalation - Rat (Dust/Mist) | 0.33 mg/l/4h (Active substance; (OECD 403 method)) |
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) |

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| | |
|-----------------------------------|---|
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation | : Not classified |
| Additional information | : May cause sensitisation of susceptible persons |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |

| ethanediol (107-21-1) | |
|------------------------------|---|
| NOAEL (oral, rat, 90 days) | 150 mg/kg bodyweight/day (OECD 452 method) |
| STOT-repeated exposure | May cause damage to organs (kidneys) through prolonged or repeated exposure (if swallowed). |

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

| ethanediol | |
|--------------------|---|
| NOEC chronic algae | > 100 mg/l (72h; Raphidocelis subcapitata; (OECD 201 method)) |

| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | |
|---|--|
| LC50 - Fish [1] | 36 mg/l (96 h; Pimephales promelas; (OECD 203 method)) |
| EC50 - Crustacea [1] | 88 mg/l (48 h; Daphnia magna; (OECD 202 method)) |
| EC50 72h algae | 15 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method)) |
| ErC50 algae | 15 mg/l (72 h; Raphidocelis subcapitata; (OECD 201 method)) |
| NOEC chronic algae | 1 mg/l (72 h; Pseudokirchneriella subcapitata; (OECD 201 method)) |

| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
|---|---|
| LC50 - Fish [1] | 0.19 mg/l (96 h; Oncorhynchus mykiss; EPA OPP 72-1) |
| EC50 - Crustacea [1] | 0.18 mg/l (48 h; Daphnia magna; EPA OPP 72-2) |
| ErC50 algae | 0.0063 mg/l (72 h; Skeletonema costatum (marine diatom); (OECD 201 method)) |
| NOEC chronic fish | 0.098 mg/l (28 d; Oncorhynchus mykiss; (OECD 215 method)) |
| NOEC chronic crustacea | 0.328 mg/l (21 d; Daphnia magna; (OECD 211 method)) |
| NOEC chronic algae | 0.0005 mg/l (48 h; Skeletonema costatum (marine diatom); (OECD 201 method)) |

12.2. Persistence and degradability

| QUIXX Liquid Leather | |
|-------------------------------|----------------------------------|
| Persistence and degradability | The product has not been tested. |

| Silicon dioxide (112945-52-5) | |
|--------------------------------------|--|
| Persistence and degradability | Not applicable for inorganic substances. |

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| | |
|---|---|
| ethanediol (107-21-1) | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 90 – 100 % (10 d; (OECD 301A method)) |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | |
| Persistence and degradability | Not readily biodegradable. |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
| Persistence and degradability | Readily biodegradable, failing 10-d window. |
| Biodegradation | 62 % (29 d; (OECD 301B method)) |

12.3. Bioaccumulative potential

| | |
|---|---|
| QUIXX Liquid Leather | |
| Bioaccumulative potential | The product has not been tested. |
| ethanediol (107-21-1) | |
| Partition coefficient n-octanol/water (Log Pow) | -1.36 (Quantitative structure-activity relationship (QSAR)) |
| Bioaccumulative potential | Bioaccumulation unlikely. |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | |
| Bioconcentration factor (BCF REACH) | < 24 |
| Partition coefficient n-octanol/water (Log Pow) | 2.64 |
| Bioaccumulative potential | Bioaccumulation unlikely. |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
| Bioconcentration factor (BCF REACH) | ≈ 41 (20 °C; 0.12 mg/L; EPA OPP 165-4) |
| Partition coefficient n-octanol/water (Log Pow) | -0.32 – 0.7 (20 °C; (OECD 117 method)) |
| Bioaccumulative potential | Based on the n-octanol/water partition coefficient accumulation in organisms is not expected. |

12.4. Mobility in soil

| | |
|---|---|
| QUIXX Liquid Leather | |
| Ecology - soil | The product has not been tested. |
| ethanediol (107-21-1) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0 (Quantitative structure-activity relationship (QSAR)) |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.634 |
| Ecology - soil | Small adsorption. |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | |
| Surface tension | 73 mN/m (19.5 °C; 1 g/L; Test method EU A.5) |
| Ecology - soil | Low mobility (soil). |

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12.5. Results of PBT and vPvB assessment

| Component | |
|--|---|
| Silicon dioxide (112945-52-5) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| ethanediol (107-21-1) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal must be done according to official regulations. European waste catalogue. Do not discharge into drains or the environment. Do not dispose of with domestic waste.

Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.1. UN number or ID number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

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Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | |
|--|--|
| Reference code | Applicable on |
| 3(b) | ethanediol ; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |
| 3(c) | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 1.12 %

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|------------------|--------|----------|
| Section | Changed item | Change | Comments |
| | General revision | | |

| Abbreviations and acronyms: | |
|-----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Median effective concentration |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| TLM | Median Tolerance Limit |
| vPvB | Very Persistent and Very Bioaccumulative |
| CAS-No. | Chemical Abstract Service number |

Data sources : European Chemicals Agency, <http://echa.europa.eu/>. Information provided by the manufacturer.

Department issuing data specification sheet: : KFT Chemieservice GmbH
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Phone: +49 6155-8981-400
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Contact person : Victoria Bendt

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| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Acute Tox. 2 (Dermal) | Acute toxicity (dermal), Category 2 |
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| EUH071 | Corrosive to the respiratory tract. |
| EUH208 | Contains TETRAMETHYL DECYNEDIOL, METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE. May produce an allergic reaction. |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| 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. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Corr. 1C | Skin corrosion/irritation, Category 1, Sub-Category 1C |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1A | Skin sensitisation, category 1A |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

KFT SDS EU 11

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.