Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 18/05/2022 Revision date: 18/05/2022 Supersedes version of: 02/11/2020 Version: 8.00

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

1.1. Product identifier

| | Mixture Tattoo paste green | |
|---|---------------------------------------|--|
| 1.2. Relevant identified uses of the substance | e or mixture and uses advised against | |
| 1.2.1. Relevant identified usesUse of the substance/mixture:1.2.2. Uses advised againstNo additional information available | Marking of animals | |
| 1.3. Details of the supplier of the safety data sheet | | |
| Supplier Raidex GmbH Neuhäuser Str. , 17 DE– 72581 Dettingen/Erms Germany T +49 7123-9751-0 - F +49 7123 9751-33 info@raidex.de | Email competent person sds@kft.de | |
| 1.4. Emergency telephone number | | |

Emergency number

: National Health Service (NHS) 24 hour national number consumer England and Scotland: 111 Wales: 0845 46 47 Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

| 2.1. Classification of the substanc | e or mixture | |
|---|-------------------------------------|--------------|
| Classification according to Regulation | (EC) No. 1272/2008 [CLP] | |
| Skin sensitisation, Category 1 | | H317 |
| Hazardous to the aquatic environment – C | Chronic Hazard, Category 3 | H412 |
| Full text of H- and EUH-statements: see s | section 16 | |
| Adverse physicochemical, human heal | th and environmental effects | |
| May cause an allergic skin reaction. Harm | nful to aquatic life with long last | ing effects. |
| 2.2. Label elements | | |
| Labelling according to Regulation (EC) | No. 1272/2008 [CLP] | |
| Hazard pictograms (CLP) | | |
| | | |
| | • | |
| | GHS07 | |
| Signal word (CLP) | : Warning | |
| Contains | : 2-octyl-2H-isothi | azol-3-one |

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| Hazard statements (CLP) | : H317 - May cause an allergic skin reaction. |
|--------------------------------|--|
| | H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P261 - Avoid breathing mist, vapours, spray. |
| | P273 - Avoid release to the environment. |
| | P280 - Wear protective gloves, eye protection, face protection. |
| | P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. |
| | P362+P364 - Take off contaminated clothing and wash it before reuse. |

2.3. Other hazards

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

| Component | | |
|--|---|--|
| Glycerol (56-81-5) | 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 | |
| Titanium dioxide (13463-67-7) | 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 | |
| Calcium carbonate (1317-65-3) | 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 | |
| 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 | |
| 2-octyl-2H-isothiazol-3-one (26530-20-1) | 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 | |

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] |
|--|---|--------------|---|
| Glycerol substance with national workplace exposure limit(s) (GB) | CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987- 18-xxxx | ≥ 5 – < 10 | Not classified |
| Titanium dioxide substance with national workplace exposure limit(s) (GB) | CAS-No.: 13463-67-7 EC-No.: 236-675-5 REACH-no: 01-2119489379- 17-xxxx | ≥ 5 – < 10 | Not classified |
| Calcium carbonate substance with national workplace exposure limit(s) (GB) | CAS-No.: 1317-65-3 EC-No.: 215-279-6 | ≥ 5 – < 10 | Not classified |
| quaternary ammonium compounds, benzyl-C8-18- alkyldimethyl, chlorides | CAS-No.: 63449-41-2 EC-No.: 264-151-6 EC Index-No.: 612-140-00-5 | ≥ 0.25 – < 1 | Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1B, H314 Aquatic Acute 1, H400 |

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| Silicon dioxide substance with national workplace exposure limit(s) (GB) | CAS-No.: 112945-52-5 | ≥ 0.25 – < 1 | Not classified |
|--|--|--------------|--|
| 2-octyl-2H-isothiazol-3-one | CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5 | < 0.1 | Acute Tox. 3 (Oral), H301 (ATE=125 mg/kg bodyweight) Acute Tox. 3 (Dermal), H311 (ATE=311 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) |

| Specific concentration limits: | | |
|--------------------------------|--|--|
| Name | Product identifier | Specific concentration limits |
| 2-octyl-2H-isothiazol-3-one | CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5 | (0.0015 ≤C ≤ 100) Skin Sens. 1A, H317 |

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 First-aid measures after inhalation | In all cases of doubt, or when symptoms persist, seek medical attention. Remove person to fresh air and keep comfortable for breathing. |
|---|--|
| First-aid measures after innalation | |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. 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.

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 subs | tance or mixture |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. |
| 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. |

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| 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. Avoid breathing vapours. Avoid contact with skin and eyes. |
| 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

Notify authorities if product enters sewers or public waters. Avoid sub-soil penetration. Prevent entry to sewers and 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 | : Dispose of materials or solid residues at an authorized site. 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 stora | age | |
|--------------------------------------|---|--|
| 7.1. Precautions for safe handling | | |
| Precautions for safe handling | : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing vapours, spray. Avoid contact with skin and eyes. | |
| Hygiene measures | : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. | |
| 7.2. Conditions for safe storage, in | cluding any incompatibilities | |
| | | |

| Storage conditions | : Store in a well-ventilated place. Keep container tightly closed. Protect against frost. Keep |
|---|--|
| | cool. |
| Heat and ignition sources | : Keep away from sources of ignition - No smoking. |
| Information about storage in one common storage | : Keep away from food, drink and animal feeding stuffs. |
| facility | |
| • | |

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

| Glycerol (56-81-5) | |
|---|---------------------------------------|
| United Kingdom - Occupational Exposure Limits | |
| Local name | Glycerol |
| WEL TWA (OEL TWA) [1] | 10 mg/m ³ mist |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

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| Titanium dioxide (13463-67-7) | | |
|---|--|--|
| United Kingdom - Occupational Exposure Limits | | |
| Local name | Titanium dioxide | |
| WEL TWA (OEL TWA) [1] | 4 mg/m³ respirable 10 mg/m³ total inhalable | |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE | |
| Calcium carbonate (1317-65-3) | | |
| United Kingdom - Occupational Exposure Limits | | |
| Local name | Calcium carbonate (Limestone, Marble) | |
| WEL TWA (OEL TWA) [1] | 10 mg/m³ total inhalable 4 mg/m³ respirable | |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE | |
| Silicon dioxide (112945-52-5) | | |
| United Kingdom - Occupational Exposure Limits | | |
| Local name | Silica, amorphous | |
| WEL TWA (OEL TWA) [1] | 6 mg/m³ | |

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

| 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
|--|-------------------|--|
| PNEC (Water) | | |
| PNEC aqua (freshwater) | 0.0022 mg/l | |
| PNEC aqua (marine water) | 0.00022 mg/l | |
| PNEC aqua (intermittent, freshwater) | 0.00122 mg/l | |
| PNEC aqua (intermittent, marine water) | 0.000122 | |
| PNEC (Sediment) | | |
| PNEC sediment (freshwater) | 0.0475 mg/kg dwt | |
| PNEC sediment (marine water) | 0.00475 mg/kg dwt | |
| PNEC (Soil) | | |
| PNEC soil | 0.0082 mg/kg dwt | |

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

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8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Wear closed safety glasses. EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. EN ISO 13688. EN 13034

Hand protection:

Chemically resistant protective gloves. Nitrile rubber gloves. EN 374. Apply emollient cream. 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. Breathing apparatus with filter. Filter type: A. EN 143. 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:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state | : | Liquid |
|---|---|---------------------------|
| Colour | : | Green. |
| Appearance | : | Pasty. |
| Odour | : | characteristic. |
| Odour threshold | : | Not available |
| Melting point | : | Not applicable |
| Freezing point | : | Not available |
| Boiling point | : | Not available |
| Flammability | : | Not applicable |
| 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 |
| рН | : | Not available |
| Viscosity, kinematic | : | Not available |
| Solubility | : | Not available |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50 °C | : | Not available |
| Density | : | Not available |
| Relative density | : | Not available |
| Relative vapour density at 20 °C | : | Not available |
| Particle characteristics | : | Not applicable |
| | | |

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

oxidising substances.

10.6. Hazardous decomposition products

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

| ION 11: Toxicological information |
|-----------------------------------|
|-----------------------------------|

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

| Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) | Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) |
|---|---|
| Tattoo paste green | |
| ATE CLP (oral) | > 2000 mg/kg bodyweight |
| ATE CLP (dermal) | > 2000 mg/kg bodyweight |
| ATE CLP (dust,mist) | > 5 mg/l/4h |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| 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) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

| Ecology - general Hazardous to the aquatic environment, short-term (acute) | Harmful to aquatic life with long lasting effects.Not classified (Based on available data, the classification criteria are not met) |
|--|--|
| Hazardous to the aquatic environment, long–term (chronic) | : Harmful to aquatic life with long lasting effects. |

| quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2) | | |
|---|--|--|
| LC50 - Fish [1] | < 1 mg/kg (96h; Fish)) | |
| EC50 - Crustacea [1] | < 1 mg/l (48h; Daphnia magna) | |
| EC50 72h algae | < 1 mg/l (75h; algae)) | |
| 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
| LC50 - Fish [1] | 0.122 mg/l (96h; Quantitative structure-activity relationship (QSAR)) | |
| EC50 - Crustacea [1] | 0.181 mg/l (48h; Quantitative structure-activity relationship (QSAR)) | |
| ErC50 algae | 0.15 mg/l (96 h; Quantitative structure-activity relationship (QSAR)) | |
| NOEC chronic crustacea | 0.035 mg/l (21 d; Quantitative structure-activity relationship (QSAR)) | |

12.2. Persistence and degradability

| Tattoo paste green | | |
|--|---|--|
| Persistence and degradability | The product has not been tested. | |
| Glycerol (56-81-5) | | |
| Persistence and degradability | Readily biodegradable. | |
| Biodegradation | 94 % (24 h) | |
| Titanium dioxide (13463-67-7) | | |
| Persistence and degradability | Not applicable for inorganic substances. | |
| 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
| Persistence and degradability | Not readily biodegradable. Quantitative structure-activity relationship (QSAR). | |

12.3. Bioaccumulative potential

| Glycerol (56-81-5) | | |
|---|---|--|
| Partition coefficient n-octanol/water (Log Kow) | -1.75 (25 °C; pH 7.4) | |
| Bioaccumulative potential | Bioaccumulation unlikely. | |
| Titanium dioxide (13463-67-7) | | |
| Bioaccumulative potential | Not applicable for inorganic substances. | |
| 2-octyl-2H-isothiazol-3-one (26530-20-1) | | |
| Partition coefficient n-octanol/water (Log Pow) | 2.61 (25 °C; pH = 7; Quantitative structure-activity relationship (QSAR)) | |

12.4. Mobility in soil

| Glycerol (56-81-5) | |
|--------------------|---------------------|
| Surface tension | ≈ 63.4 mN/m (20 °C) |

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12.5. Results of PBT and vPvB assessment

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH 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

Product/Packaging disposal recommendations

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.
 Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

| ADR | IMDG | ΙΑΤΑ | ADN | RID |
|--------------------------|---------------------------------------|---------------|---------------|---------------|
| 14.1. UN number or ID n | umber | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shippin | g name | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard o | class(es) | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | · · · · · · · · · · · · · · · · · · · | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental haz | ards | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

14.6. Special precautions for user

Overland transport Not regulated

Transport by sea Not regulated

Air transport Not regulated

Inland waterway transport Not regulated

Rail transport Not regulated

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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

| EU restriction list (REACH Annex XVII) | | |
|--|---|--|
| Reference code | Applicable on | |
| 3(b) | Tattoo paste green ; quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides ; 2-octyl-2H-isothiazol- 3-one | |
| 3(c) | Tattoo paste green ; quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides ; 2-octyl-2H-isothiazol- 3-one | |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Other information, restriction and prohibition regulations

: Take note of Directive 94/33/EC on the protection of young people at work. This safety data sheet is for informational purposes only and does not comply with national legal requirements without reference to a national distributor. The national distributor is responsible for a legally compliant safety data sheet.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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

United Kingdom

National regulations

: Take note of Directive 94/33/EC on the protection of young people at work. Take note of Directive 92/85/EC on the safety and health of pregnant workers at work.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|--|----------|---|
| Section | Changed item | Change | Comments |
| | General revision | | SDS EU format according to COMMISSION REGULATION (EU) 2020/878 |
| 2.1 | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Modified | |
| 2.2 | Hazard statements (CLP) | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 3 | Composition/information on ingredients | Modified | |
| 8.1 | Generic OEL data | Added | |
| 8.1 | DNEL and PNEC | Modified | |

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| 11.1 | Toxicological information | Modified | |
|------|-----------------------------------|----------|--|
| 12.1 | Ecotoxicity | Modified | |
| 13.1 | European List of Waste (LoW) code | Removed | |
| 15.1 | REACH Annex XVII | Modified | |
| 15.1 | EU-Regulations | Added | |

| 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 | |
| ΙΑΤΑ | 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 | |
| РВТ | 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

: ECHA (European Chemicals Agency). Department issuing data specification sheet: : KFT Chemieservice GmbH

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| Full text of H- and EUH-statements: | | |
|-------------------------------------|---|--|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2 | |
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 | |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 | |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 | |
| 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 | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| H301 | Toxic if swallowed. | |
| H302 | Harmful if swallowed. | |
| H311 | Toxic in contact with skin. | |
| H312 | Harmful in contact with skin. | |
| H314 | Causes severe skin burns and eye damage. | |
| H317 | May cause an allergic skin reaction. | |
| H318 | Causes serious eye damage. | |
| H330 | Fatal if inhaled. | |
| H400 | Very toxic to aquatic life. | |
| H410 | Very toxic to aquatic life with long lasting effects. | |
| H412 | Harmful to aquatic life with long lasting effects. | |
| Skin Corr. 1 | Skin corrosion/irritation, Category 1 | |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B | |
| Skin Sens. 1 | Skin sensitisation, Category 1 | |
| Skin Sens. 1A | Skin sensitisation, category 1A | |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|------|--------------------|
| Skin Sens. 1 | H317 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

KFT SDS EU 00

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.