

Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE SF 7840

SDS No. : 534161 V007.1 Revision: 17.02.2023 printing date: 20.02.2023 Replaces version from: 02.06.2021

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

1.1. Product identifier

LOCTITE SF 7840

- **1.2. Relevant identified uses of the substance or mixture and uses advised against** Intended use: Cleaner
- 1.3. Details of the supplier of the safety data sheet

Henkel Ltd Adhesives Wood Lane End HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

Supplier: Transfer Multisort Elektronik Ltd. Coleshill, Birmingham Coleshill House Suite 1C, 1 Station Road

+44 1675790026 e-mail: office@tme-uk.eu

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website https://mysds.henkel.com/index.html#/appSelection or www.henkel-adhesives.com.

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2. Label elements

Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

Supplemental information Safety data sheet available on request.

2.3. Other hazards

None if used properly.

Following substances are present in a concentration \geq the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration \geq the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

| Hazardous components CAS-No. EC Number REACH-Reg No. | Concentration | Classification | Specific Conc. Limits, M- factors and ATEs | Add. Information |
|---|---------------|---------------------------------------|---|---------------------|
| 1-methoxy-2-propanol 107-98-2 203-539-1 01-2119457435-35 | 2,5-< 10 % | Flam. Liq. 3, H226 STOT SE 3, H336 | | EU OEL |
| b-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 290-476-8 | < 2,5 % | Eye Irrit. 2, H319 | | |
| Fatty alcohol ethoxylate C10 26183-52-8 500-046-6 | 1- 5% | Eye Irrit. 2, H319 | | |
| Amines, N-C8-22- alkyltrimethylenedi-, acrylated, sodium salts 97659-50-2 307-455-7 | < 2,5 % | Eye Irrit. 2, H319 | | |

For full text of the H - statements and other abbreviations see section 16 "Other information". Substances without classification may have community workplace exposure limits available. Declaration of ingredients according to Detergent Regulation 648/2004/EC

< 5 %

contains

anionic surfactants non-ionic surfactants Perfumes

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact: Rinse with running water and soap.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion: Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.

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

Prolonged or repeated contact may cause skin irritation.

Prolonged or repeated contact may cause eye irritation.

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

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water, carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons: None known

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal. Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin and eye contact. See advice in section 8

Hygiene measures:

Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction. Keep only in original container. Refer to Technical Data Sheet

7.3. Specific end use(s) Cleaner

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for

Great Britain

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|--|-----|-------------------|--------------------------------------|--|-----------------|
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPAN-2-OL] | | | Skin designation: | Can be absorbed through the skin. | EH40 WEL |
| I-Methoxypropan-2-ol 107-98-2 [I-METHOXYPROPAN-2-OL] | 100 | 375 | Time Weighted Average (TWA): | | EH40 WEL |
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPANOL-2] | 100 | 375 | Time Weighted Average (TWA): | Indicative | ECTLV |
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPANOL-2] | 150 | 568 | Short Term Exposure Limit (STEL): | Indicative | ECTLV |
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPAN-2-OL] | 150 | 560 | Short Term Exposure Limit (STEL): | 15 minutes | EH40 WEL |

Occupational Exposure Limits

Valid for Ireland

| Ingredient [Regulated substance] | ppm | mg/m ³ | Value type | Short term exposure limit category / Remarks | Regulatory list |
|--|-----|-------------------|--------------------------------------|---|-----------------|
| 1-Methoxypropan-2-ol 107-98-2 [PROPYLENE GLYCOL MONOMETHYL ETHER] | 100 | 375 | Time Weighted Average (TWA): | Indicative OELV | IR_OEL |
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPANOL-2] | 100 | 375 | Time Weighted Average (TWA): | Indicative | ECTLV |
| 1-Methoxypropan-2-ol 107-98-2 [1-METHOXYPROPANOL-2] | 150 | 568 | Short Term Exposure Limit (STEL): | Indicative | ECTLV |
| 1-Methoxypropan-2-ol 107-98-2 [PROPYLENE GLYCOL MONOMETHYL ETHER] | 150 | 568 | Short Term Exposure Limit (STEL): | 15 minutes Indicative OELV | IR_OEL |
| 2,2',2''-Nitrilotriethanol 102-71-6 [TRIETHANOLAMINE] | | 5 | Time Weighted Average (TWA): | | IR_OEL |

Predicted No-Effect Concentration (PNEC):

| Name on list | Environmental | | Value | | | Remarks | |
|----------------------------------|------------------------------------|--------|----------|-----|------------|---------|--|
| | Compartment | period | | | | | |
| | | | mg/l | ppm | mg/kg | others | |
| 1-methoxy-2-propanol | aqua | | 10 mg/l | | | | |
| 107-98-2 | (freshwater) | | | | | | |
| 1-methoxy-2-propanol 107-98-2 | aqua (marine water) | | 1 mg/l | | | | |
| 1-methoxy-2-propanol 107-98-2 | aqua (intermittent releases) | | 100 mg/l | | | | |
| 1-methoxy-2-propanol 107-98-2 | sediment (freshwater) | | | | 52,3 mg/kg | | |
| 1-methoxy-2-propanol 107-98-2 | sediment (marine water) | | | | 5,2 mg/kg | | |
| 1-methoxy-2-propanol 107-98-2 | Soil | | | | 4,59 mg/kg | | |
| 1-methoxy-2-propanol 107-98-2 | sewage treatment plant (STP) | | 100 mg/l | | | | |

Derived No-Effect Level (DNEL):

| Name on list | Application Area | Route of Exposure | Health Effect | Exposure Time | Value | Remarks |
|----------------------------------|---------------------|----------------------|--|------------------|-------------|---------|
| 1-methoxy-2-propanol 107-98-2 | Workers | Inhalation | Acute/short term exposure - local effects | | 553,5 mg/m3 | |
| 1-methoxy-2-propanol 107-98-2 | Workers | dermal | Long term exposure - systemic effects | | 183 mg/kg | |
| 1-methoxy-2-propanol 107-98-2 | Workers | Inhalation | Long term exposure - systemic effects | | 369 mg/m3 | |
| 1-methoxy-2-propanol 107-98-2 | General population | dermal | Long term exposure - systemic effects | | 78 mg/kg | |
| 1-methoxy-2-propanol 107-98-2 | General population | Inhalation | Long term exposure - systemic effects | | 43,9 mg/m3 | |
| 1-methoxy-2-propanol 107-98-2 | General population | oral | Long term exposure - systemic effects | | 33 mg/kg | |
| 1-methoxy-2-propanol 107-98-2 | Workers | inhalation | Acute/short term exposure - systemic effects | | 553,5 mg/m3 | |

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls: Ensure good ventilation/extraction.

Respiratory protection: Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area Filter type: A (EN 14387)

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; >= 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. Protective eye equipment should conform to EN166.

Skin protection:

Wear suitable protective clothing. Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid Delivery form liquid blue Colour Odor perfumed Not applicable, Product is a liquid Melting point 100 °C (212 °F)no method Initial boiling point Flammability Currently under determination Explosive limits Currently under determination Flash point Not applicable Auto-ignition temperature > 250 °C (> 482 °F) Decomposition temperature 200 °C (392 °F); no method 10 no method pН (20 °C (68 °F); Conc.: 100 %) Viscosity (kinematic) Currently under determination Viscosity, dynamic < 10 mPa.s no method (; 20 °C (68 °F)) Solubility (qualitative) Soluble (20 °C (68 °F); Solvent: Water 100 Weight%) Partition coefficient: n-octanol/water Currently under determination Vapour pressure Currently under determination Density 1,03 g/cm3 no method (20 °C (68 °F)) Relative vapour density: Currently under determination Particle characteristics Not applicable Product is a liquid

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity

Strong oxidizing agents.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable under recommended storage conditions.

10.5. Incompatible materials See section reactivity.

10.6. Hazardous decomposition products

None if used for intended purpose.

SECTION 11: Toxicological information

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

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances | Value | Value | Species | Method |
|--------------------------|-------|----------------|---------|--|
| CAS-No. | type | | | |
| 1-methoxy-2-propanol | LD50 | 3.739 mg/kg | rat | EU Method B.1 (Acute Toxicity (Oral)) |
| 107-98-2 | | | | • • • • |
| b-Alanine, N-(2- | LD50 | > 2.000 mg/kg | rat | OECD Guideline 423 (Acute Oral toxicity) |
| carboxyethyl)-, N-coco | | 0.0 | | |
| alkyl derivs., disodium | | | | |
| salts | | | | |
| 90170-43-7 | | | | |
| Fatty alcohol ethoxylate | LD50 | > 2.000 mg/kg | rat | EU Method B.1 (Acute Toxicity (Oral)) |
| C10 | | 00 | | |
| 26183-52-8 | | | | |

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Species | Method |
|----------------------------------|---------------|---------------|---------|--|
| 1-methoxy-2-propanol 107-98-2 | LD50 | > 2.000 mg/kg | rat | EU Method B.3 (Acute Toxicity (Dermal) |

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Test atmosphere | Exposure time | Species | Method |
|----------------------------------|---------------|---------|-----------------|------------------|---------|---------------|
| 1-methoxy-2-propanol 107-98-2 | LC50 | 55 mg/l | vapour | 4 h | rat | not specified |

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|--|----------------|------------------|----------|---|
| 1-methoxy-2-propanol 107-98-2 | not irritating | 4 h | rabbit | EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | not irritating | 4 h | rabbit | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | not irritating | | In vitro | EU Method B.46 (In vitro skin irrit.: reconstructed human epidermis model test) |

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Exposure time | Species | Method |
|---------------------------------|----------------|------------------|---------|---|
| 1-methoxy-2-propanol | not irritating | | rabbit | EU Method B.5 (Acute Toxicity: Eye Irritation / |
| 107-98-2 | | | | Corrosion) |
| b-Alanine, N-(2- | irritating | | rabbit | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| carboxyethyl)-, N-coco | | | | |
| alkyl derivs., disodium | | | | |
| salts | | | | |
| 90170-43-7 | | | | |

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Test type | Species | Method |
|----------------------------------|-----------------|------------------------------|------------|------------------------------------|
| 1-methoxy-2-propanol 107-98-2 | not sensitising | Guinea pig maximisation test | guinea pig | EU Method B.6 (Skin Sensitisation) |

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result | Type of study / Route of administration | Metabolic activation / Exposure time | Species | Method |
|----------------------------------|----------|--|--|---------|--|
| 1-methoxy-2-propanol 107-98-2 | negative | bacterial reverse mutation assay (e.g Ames test) | with and without | | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| 1-methoxy-2-propanol 107-98-2 | negative | in vitro mammalian chromosome aberration test | with and without | | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| 1-methoxy-2-propanol 107-98-2 | negative | mammalian cell gene mutation assay | without | | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous components CAS-No. | Result | Route of application | Exposure time / Frequency of treatment | Species | Sex | Method |
|----------------------------------|------------------|-----------------------|---|---------|-------------|--|
| 1-methoxy-2-propanol 107-98-2 | not carcinogenic | inhalation: vapour | 2 y 6 hr/day, 5 days/wk | rat | male/female | OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances | Result / Value | Test type | Route of | Species | Method |
|----------------------------------|---|----------------------------|-----------------------|---------|--|
| CAS-No. | | | application | | |
| 1-methoxy-2-propanol 107-98-2 | NOAEL P 300 ppm NOAEL F1 1000 ppm NOAEL F2 1000 ppm | Two generation study | inhalation: vapour | rat | OECD Guideline 416 (Two- Generation Reproduction Toxicity Study) |

STOT-single exposure:

No data available.

STOT-repeated exposure:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Result / Value | Route of application | Exposure time / Frequency of treatment | Species | Method |
|----------------------------------|-----------------|----------------------|--|---------|--|
| 1-methoxy-2-propanol 107-98-2 | NOAEL 1000 ppm | inhalation | 13 weeks 6 hours/day; 5 days/week | rat | OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day) |
| 1-methoxy-2-propanol 107-98-2 | NOAEL 919 mg/kg | oral: gavage | 35 d 5 d/w | rat | OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents) |

Aspiration hazard:

No data available.

11.2 Information on other hazards

not applicable

SECTION 12: Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

The biodegradability of the surfactants contained in the product is in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).

The surfactants contained in the products are primary biodegradable to at least 90% on average.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances | Value | Value | Exposure time | Species | Method |
|---|-------|-------------|---------------|--|---|
| CAS-No. | type | | | | |
| 1-methoxy-2-propanol 107-98-2 | LC50 | 20.800 mg/l | 96 h | Pimephales promelas | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | LC50 | 4,2 mg/l | 96 h | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Fatty alcohol ethoxylate C10 26183-52-8 | LC50 | 7,8 mg/l | 96 h | Brachydanio rerio (new name: Danio rerio) | not specified |
| Amines, N-C8-22- alkyltrimethylenedi-, acrylated, sodium salts 97659-50-2 | LC50 | 4 mg/l | 96 h | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances | Value | Value | Exposure time | Species | Method |
|---|-------|-------------|---------------|---------|--|
| CAS-No. | type | | | | |
| 1-methoxy-2-propanol 107-98-2 | EC50 | 23.300 mg/l | 48 h | T C | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | EC50 | 29 mg/l | 48 h | 1 0 | EU Method C.2 (Acute Toxicity for Daphnia) |
| Amines, N-C8-22- alkyltrimethylenedi-, acrylated, sodium salts 97659-50-2 | EC50 | 1,6 mg/l | 48 h | I G | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No. | Value type | Value | Exposure time | Species | Method |
|---|---------------|---------|---------------|---------|--|
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | NOEC | 10 mg/l | 21 d | 1 0 | OECD 211 (Daphnia magna, Reproduction Test) |

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances | Value | Value | Exposure time | Species | Method |
|---|-------|--------------|---------------|---|--|
| CAS-No. | type | | | | |
| 1-methoxy-2-propanol 107-98-2 | EC50 | > 1.000 mg/l | 7 d | Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata) | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | EC50 | 9,4 mg/l | 72 h | Chlorella vulgaris | other guideline: |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | EC10 | 5,5 mg/l | 72 h | Chlorella vulgaris | other guideline: |

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances | Value | Value | Exposure time | Species | Method |
|------------------------------|-------|--------------|---------------|-------------------------------|------------------------------|
| CAS-No. | type | | | | |
| 1-methoxy-2-propanol | EC0 | > 1.000 mg/l | 30 min | | OECD Guideline 209 |
| 107-98-2 | | | | | (Activated Sludge, |
| | | | | | Respiration Inhibition Test) |
| b-Alanine, N-(2- | EC50 | 300 mg/l | 3 h | activated sludge of a | OECD Guideline 209 |
| carboxyethyl)-, N-coco alkyl | | | | predominantly domestic sewage | (Activated Sludge, |
| derivs., disodium salts | | | | | Respiration Inhibition Test) |
| 90170-43-7 | | | | | |
| Fatty alcohol ethoxylate C10 | EC0 | 130 mg/l | 30 min | | not specified |
| 26183-52-8 | | | | | |

12.2. Persistence and degradability

| Hazardous substances CAS-No. | Result | Test type | Degradability | Exposure time | Method |
|---|--------------------------|---------------|---------------|------------------|--|
| 1-methoxy-2-propanol 107-98-2 | readily biodegradable | aerobic | 90 % | 29 d | OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test) |
| b-Alanine, N-(2- carboxyethyl)-, N-coco alkyl derivs., disodium salts 90170-43-7 | readily biodegradable | aerobic | 96 % | 28 d | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| Fatty alcohol ethoxylate C10 26183-52-8 | readily biodegradable | aerobic | > 72 % | 30 d | EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test) |
| Amines, N-C8-22- alkyltrimethylenedi-, acrylated, sodium salts 97659-50-2 | readily biodegradable | not specified | > 60 % | 28 d | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test) |
| Amines, N-C8-22- alkyltrimethylenedi-, acrylated, sodium salts 97659-50-2 | inherently biodegradable | not specified | > 70 % | 28 d | OECD Guideline 302 A (Inherent Biodegradability: Modified SCAS Test) |

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

| Hazardous substances CAS-No. | LogPow | Temperature | Method |
|----------------------------------|--------|-------------|---------------|
| 1-methoxy-2-propanol 107-98-2 | -0,49 | | not specified |

12.5. Results of PBT and vPvB assessment

| Hazardous substances CAS-No. | PBT / vPvB |
|--|---|
| 1-methoxy-2-propanol 107-98-2 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Fatty alcohol ethoxylate C10 26183-52-8 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |

12.6. Endocrine disrupting properties

not applicable

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Dispose of in accordance with local and national regulations. Do not empty into drains / surface water / ground water.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

14 06 03 - other solvents and solvent mixtures

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

| | SECTION 14: Transport information |
|-------|---|
| 14.1. | UN number or ID number |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 14.2. | UN proper shipping name |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 14.3. | Transport hazard class(es) |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 14.4. | Packing group |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 14.5. | Environmental hazards |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 14.6. | Special precautions for user |
| | Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR. |
| 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 | | |
|--|--------|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012): | | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021): | | Not applicable |
| VOC content (2010/75/EC) | < 10 % | |

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text

of all abbreviations indicated by codes in this safety data sheet are as follows:

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

| ED: | Substance identified as having endocrine disrupting properties |
|-------------|--|
| EU OEL: | Substance with a Union workplace exposure limit |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148 |
| EU EXPLD 2 | Substance listed in Annex II, Reg (EC) No. 2019/1148 |
| SVHC: | Substance of very high concern (REACH Candidate List) |
| PBT: | Substance fulfilling persistent, bioaccumulative and toxic criteria |
| PBT/vPvB: | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very |
| | bioaccumulative criteria |
| vPvB: | Substance fulfilling very persistent and very bioaccumulative criteria |

Further information:

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