



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

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LOCTITE SF 7840

SDS No. : 534161  
V007.2

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### 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

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

If no ATE values are displayed, please refer to LD/LC50 values in Section 11.

For full text of the H - statements and other abbreviations see section 16 "Other information".

Declaration of ingredients according to Detergent Regulation 648/2004/EC

< 5 %                      anionic surfactants  
                                 non-ionic surfactants  
contains                    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 (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) 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 <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|------------------------------------------------------------|-----|-------------------|-----------------------------------|----------------------------------------------|-----------------|
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPAN-2-OL] |     |                   | Skin designation:                 | Can be absorbed through the skin.            | EH40 WEL        |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPAN-2-OL] | 100 | 375               | Time Weighted Average (TWA):      |                                              | EH40 WEL        |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2]  | 100 | 375               | Time Weighted Average (TWA):      | Indicative                                   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2]  | 150 | 568               | Short Term Exposure Limit (STEL): | Indicative                                   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[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 <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|-------------------------------------------------------------------------|-----|-------------------|-----------------------------------|----------------------------------------------|-----------------|
| 1-Methoxypropan-2-ol<br>107-98-2<br>[PROPYLENE GLYCOL MONOMETHYL ETHER] | 100 | 375               | Time Weighted Average (TWA):      | Indicative OELV                              | IR_OEL          |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2]               | 100 | 375               | Time Weighted Average (TWA):      | Indicative                                   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2]               | 150 | 568               | Short Term Exposure Limit (STEL): | Indicative                                   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[PROPYLENE GLYCOL MONOMETHYL ETHER] | 150 | 568               | Short Term Exposure Limit (STEL): | 15 minutes<br>Indicative OELV                | IR_OEL          |
| 2,2',2"-Nitrilotriethanol<br>102-71-6<br>[TRIETHANOLAMINE]              |     | 5                 | Time Weighted Average (TWA):      |                                              | IR_OEL          |

**Predicted No-Effect Concentration (PNEC):**

| Name on list                  | Environmental Compartment    | Exposure period | Value    |     |            |        | Remarks |
|-------------------------------|------------------------------|-----------------|----------|-----|------------|--------|---------|
|                               |                              |                 | mg/l     | ppm | mg/kg      | others |         |
| 1-methoxy-2-propanol 107-98-2 | aqua (freshwater)            |                 | 10 mg/l  |     |            |        |         |
| 1-methoxy-2-propanol 107-98-2 | aqua (marine water)          |                 | 1 mg/l   |     |            |        |         |
| 1-methoxy-2-propanol 107-98-2 | Freshwater - intermittent    |                 | 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;  $\geq 0.4$  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;  $\geq 0.4$  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

|                                                                              |                                                                             |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Delivery form                                                                | liquid                                                                      |
| Colour                                                                       | blue                                                                        |
| Odor                                                                         | perfumed                                                                    |
| Physical state                                                               | liquid                                                                      |
| Melting point                                                                | Not applicable, Product is a liquid                                         |
| Solidification temperature                                                   | $< 0^{\circ}\text{C}$ ( $< 32^{\circ}\text{F}$ ) Aqueous solution           |
| Initial boiling point                                                        | $100^{\circ}\text{C}$ ( $212^{\circ}\text{F}$ ) no method / method unknown  |
| Flammability                                                                 | Not applicable<br>Aqueous solution                                          |
| Explosive limits                                                             | Not applicable, Aqueous solution                                            |
| Flash point                                                                  | Not applicable, Aqueous solution                                            |
| Auto-ignition temperature                                                    | $> 250^{\circ}\text{C}$ ( $> 482^{\circ}\text{F}$ )                         |
| Decomposition temperature                                                    | $200^{\circ}\text{C}$ ( $392^{\circ}\text{F}$ ); no method / method unknown |
| pH                                                                           | 10 no method / method unknown                                               |
| ( $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ); Conc.: 100 %)               |                                                                             |
| Viscosity (kinematic)                                                        | 9,7 mm <sup>2</sup> /s                                                      |
| ( $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ); )                           |                                                                             |
| Viscosity, dynamic                                                           | $< 10$ mPa.s no method / method unknown                                     |
| (; $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ))                            |                                                                             |
| Solubility (qualitative)                                                     | Soluble                                                                     |
| ( $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ); Solvent: Water 100 Weight%) |                                                                             |
| Partition coefficient: n-octanol/water                                       | Not applicable                                                              |
|                                                                              | Mixture                                                                     |
| Vapour pressure                                                              | $< 23,4$ mbar Values referring to water                                     |
| ( $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ))                             |                                                                             |
| Density                                                                      | 1,03 g/cm <sup>3</sup> no method / method unknown                           |
| ( $20^{\circ}\text{C}$ ( $68^{\circ}\text{F}$ ))                             |                                                                             |
| Relative vapour density:                                                     | $< 1$                                                                       |
| ( $20^{\circ}\text{C}$ )                                                     |                                                                             |
| Particle characteristics                                                     | Not applicable<br>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<br>CAS-No.                                                              | Value<br>type | Value         | Species | Method                                   |
|----------------------------------------------------------------------------------------------|---------------|---------------|---------|------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2                                                             | LD50          | 3.739 mg/kg   | rat     | EU Method B.1 (Acute Toxicity (Oral))    |
| b-Alanine, N-(2-<br>carboxyethyl)-, N-coco<br>alkyl derivs., disodium<br>salts<br>90170-43-7 | LD50          | > 2.000 mg/kg | rat     | OECD Guideline 423 (Acute Oral toxicity) |
| Fatty alcohol ethoxylate<br>C10<br>26183-52-8                                                | LD50          | > 2.000 mg/kg | rat     | EU Method B.1 (Acute Toxicity (Oral))    |

#### Acute dermal toxicity:

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

| Hazardous substances<br>CAS-No.  | Value<br>type | Value         | Species | Method                                  |
|----------------------------------|---------------|---------------|---------|-----------------------------------------|
| 1-methoxy-2-propanol<br>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<br>CAS-No.  | Value<br>type | Value   | Test atmosphere | Exposure<br>time | Species | Method        |
|----------------------------------|---------------|---------|-----------------|------------------|---------|---------------|
| 1-methoxy-2-propanol<br>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<br>CAS-No.                                                          | Result         | Exposure<br>time | Species  | Method                                                                          |
|------------------------------------------------------------------------------------------|----------------|------------------|----------|---------------------------------------------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2                                                         | not irritating | 4 h              | rabbit   | EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)                   |
| b-Alanine, N-(2-carboxyethyl)-, N-coco<br>alkyl derivs., disodium<br>salts<br>90170-43-7 | not irritating | 4 h              | rabbit   | OECD Guideline 404 (Acute Dermal Irritation / Corrosion)                        |
| b-Alanine, N-(2-carboxyethyl)-, N-coco<br>alkyl derivs., disodium<br>salts<br>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<br>CAS-No.                                                          | Result         | Exposure<br>time | Species | Method                                                     |
|------------------------------------------------------------------------------------------|----------------|------------------|---------|------------------------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2                                                         | not irritating |                  | rabbit  | EU Method B.5 (Acute Toxicity: Eye Irritation / Corrosion) |
| b-Alanine, N-(2-carboxyethyl)-, N-coco<br>alkyl derivs., disodium<br>salts<br>90170-43-7 | irritating     |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion)      |

**Respiratory or skin sensitization:**

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

| Hazardous substances<br>CAS-No.  | Result          | Test type                       | Species    | Method                             |
|----------------------------------|-----------------|---------------------------------|------------|------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2 | not sensitising | Guinea pig maximisation<br>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<br>CAS-No.  | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method                                                                   |
|----------------------------------|----------|--------------------------------------------------------|--------------------------------------------|---------|--------------------------------------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2 | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)              |
| 1-methoxy-2-propanol<br>107-98-2 | negative | in vitro mammalian<br>chromosome<br>aberration test    | with and without                           |         | OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test) |
| 1-methoxy-2-propanol<br>107-98-2 | negative | mammalian cell<br>gene mutation assay                  | without                                    |         | OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)    |

**Carcinogenicity**

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

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

**Reproductive toxicity:**

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

| Hazardous substances<br>CAS-No.  | Result / Value                                                    | Test type                  | Route of<br>application | Species | Method                                                                 |
|----------------------------------|-------------------------------------------------------------------|----------------------------|-------------------------|---------|------------------------------------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2 | NOAEL P 300 ppm<br><br>NOAEL F1 1000 ppm<br><br>NOAEL F2 1000 ppm | Two<br>generation<br>study | inhalation:<br>vapour   | rat     | OECD Guideline 416 (Two-<br>Generation Reproduction<br>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<br>CAS-No.  | Result / Value  | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method                                                                   |
|----------------------------------|-----------------|-------------------------|----------------------------------------------|---------|--------------------------------------------------------------------------|
| 1-methoxy-2-propanol<br>107-98-2 | NOAEL 1000 ppm  | inhalation              | 13 weeks<br>6 hours/day; 5<br>days/week      | rat     | OECD Guideline 413<br>(Subchronic Inhalation<br>Toxicity; 90-Day)        |
| 1-methoxy-2-propanol<br>107-98-2 | NOAEL 919 mg/kg | oral: gavage            | 35 d<br>5 d/w                                | rat     | OECD Guideline 407<br>(Repeated Dose 28-Day<br>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.

The table below presents the data of the classified substances present in the mixture.

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

**Toxicity (aquatic invertebrates):**

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

The table below presents the data of the classified substances present in the mixture.

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

**Chronic toxicity (aquatic invertebrates):**

The table below presents the data of the classified substances present in the mixture.

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

**Toxicity (Algae):**

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

The table below presents the data of the classified substances present in the mixture.

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

#### Toxicity (microorganisms):

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

The table below presents the data of the classified substances present in the mixture.

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

#### 12.2. Persistence and degradability

The table below presents the data of the classified substances present in the mixture.

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

#### 12.3. Bioaccumulative potential

No data available.

**12.4. Mobility in soil**

The table below presents the data of the classified substances present in the mixture.

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

**12.5. Results of PBT and vPvB assessment**

The table below presents the data of the classified substances present in the mixture.

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