



# Gentle Hand Wash

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Reference number: Periodic review of SDS 06/05/2022  
Issue date: 29/10/2018 Revision date: 06/05/2022 Supersedes version of: 07/01/2019 Version: 1.4

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Gentle Hand Wash  
Product code : WP 1834  
Type of product : Hand cleaning soap  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Industrial/Professional use spec : Professional  
Use of the substance/mixture : Hand Cleaner

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Wessex Chemical Factors Ltd  
17 Crane Way, Woolsbridge Industrial Park,  
Three Legged Cross, Wimborne, Dorset  
BH21 6FA  
United Kingdom  
T +44 (0) 1202 823 699 - F +44 (0) 1202 813 863  
[www.wessexchemicalfactors.co.uk](http://www.wessexchemicalfactors.co.uk)  
E-mail address of competent person responsible for the SDS : [info@wessexchemicalfactors.co.uk](mailto:info@wessexchemicalfactors.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1202 823 699 (Office hours only 9am - 5pm Monday - Thursday, 9am - 4pm Friday.)  
+44 (0) 7973629367 (Out of hours emergency number)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Flammable liquids Not classified

Serious eye damage/eye irritation Not classified

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

##### Adverse physicochemical, human health and environmental effects

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

#### 2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

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

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sulphuric acid, mono-C12-14-alkyl esters, sodium salts	CAS-No.: 85586-07-8 REACH-no: 01-2119489463-28-0002	1 – 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam./Irrit. Not classified Aquatic Chronic 3, H412
disodium laureth sulfosuccinate	CAS-No.: 39354-45-5	1 – 5	Eye Irrit. 2, H319 Aquatic Acute Not classified
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	EC-No.: 931-296-8 REACH-no: 01-2119488533-30-XXXX	1 – 3	Aquatic Chronic 3, H412
amides,C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)	EC-No.: 931-329-6 REACH-no: 01-2119490100-53-XXXX	0.1 – 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt	EC-No.: 423-270-5 REACH-no: 01-0000016977-53-XXXX	0.1 – 0.3	Met. Corr. 1, H290
L-(+)-lactic acid	CAS-No.: 79-33-4 EC-No.: 201-196-2 EC Index-No.: 607-743-00-5 REACH-no: 01-2119474164-39-XXXX	≥ 0.1	Skin Corr. 1C, H314 Eye Dam. 1, H318
1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	CAS-No.: 6440-58-0 EC-No.: 229-222-8	0.01 – 0.1	Acute Tox. 4 (Oral), H302
formaldehyde ...% (Note B)(Note D)	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5 REACH-no: 01-2119488953-20-XXXX	< 0.01	Carc. 1B, H350 Muta. 2, H341 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317
methanol	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X REACH-no: 01-2119433307-44-XXXX	< 0.01	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT SE 1, H370

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
formaldehyde ...%	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5 REACH-no: 01-2119488953-20-XXXX	( 0.2 ≤ C < 100) Skin Sens. 1, H317 ( 5 ≤ C < 100) STOT SE 3, H335 ( 5 ≤ C < 25) Eye Irrit. 2, H319 ( 5 ≤ C < 25) Skin Irrit. 2, H315 ( 25 ≤ C < 100) Skin Corr. 1B, H314

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
methanol	CAS-No.: 67-56-1 EC-No.: 200-659-6 EC Index-No.: 603-001-00-X REACH-no: 01-2119433307-44-XXXX	( 3 ≤C < 10) STOT SE 2, H371 ( 10 ≤C < 100) STOT SE 1, H370

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

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

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 after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. On ingestion in large quantities: Get medical advice/attention.

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

Symptoms/effects after eye contact : May cause slight temporary irritation.

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 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.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

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

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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Small quantities of liquid spill: mix with water Wash down with an excess of water. In case of large spillages: Take up liquid spill into absorbent material, e.g.: sand. Shovel or sweep up and put in a closed container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### 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

formaldehyde ...% (50-00-0)	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Formaldehyde
IOEL TWA	0.37 mg/m <sup>3</sup>
IOEL STEL	0.74 mg/m <sup>3</sup> (BOEL)
IOEL STEL [ppm]	0.6 ppm (BOEL)
Remark	Dermal sensitisation
Regulatory reference	DIRECTIVE (EU) 2019/983 (amending Directive 2004/37/EC)
<b>EU - Binding Occupational Exposure Limit (BOEL)</b>	
Local name	Formaldehyde
BOEL TWA	0.37 mg/m <sup>3</sup> 0.62 mg/m <sup>3</sup> (Limit value for the health care, funeral and embalming sectors until 11 July 2024)
BOEL TWA [ppm]	0.3 ppm 0.5 ppm (Limit value for the health care, funeral and embalming sectors until 11 July 2024)
BOEL STEL	0.74 mg/m <sup>3</sup>
BOEL STEL [ppm]	0.6 ppm
Notes	Dermal sensitisation (The substance can cause sensitisation of the skin)

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<b>formaldehyde ...% (50-00-0)</b>	
Regulatory reference	DIRECTIVE (EU) 2019/983 (amending Directive 2004/37/EC)
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Formaldehyde
WEL TWA (OEL TWA) [1]	2.5 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	2 ppm
WEL STEL (OEL STEL)	2.5 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>methanol (67-56-1)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Methanol
IOEL TWA [ppm]	200 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Methanol
WEL TWA (OEL TWA) [1]	266 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL)	333 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	250 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 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.

### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



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### 8.2.2.1. Eye and face protection

#### Eye protection:

No special eye protection equipment recommended under normal conditions of use. Eye protection should only be necessary where hot liquid could be splashed or sprayed

### 8.2.2.2. Skin protection

#### Hand protection:

In case of repeated or prolonged contact wear gloves

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: No data available
Odour	: Odour relevant to fragrance.
Odour threshold	: No data available
pH	: No data available
pH solution	: 5.4
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.02 g/cm <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

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.

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### 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

No additional information available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### L-(+)-lactic acid (79-33-4)

LD50 oral	4875 mg/kg Mouse
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LD50 dermal rabbit	> 2000 mg/kg
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LC50 Inhalation - Rat	7.94 mg/l/4h
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#### amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)

LD50 oral rat	> 2000 mg/kg
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LD50 dermal rabbit	> 2000 mg/kg
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#### disodium laureth sulfosuccinate (39354-45-5)

LD50 oral rat	> 2000 mg/kg
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#### 1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (6440-58-0)

LD50 oral rat	1572 mg/kg
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#### formaldehyde ...% (50-00-0)

LD50 oral rat	100 mg/kg bodyweight
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LD50 dermal rabbit	270 mg/kg
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#### methanol (67-56-1)

LD50 oral rat	1187 – 2769 mg/kg
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LC50 Inhalation - Rat	115.9 – 130.7 mg/l/4h
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#### reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 (Acute Toxicity (Oral))
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LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
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#### sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)

LD50 oral rat	1800 mg/kg bodyweight
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LD50 dermal rat	> 2000 mg/kg bodyweight
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### 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

LD50 oral rat	2335 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

### formaldehyde ...% (50-00-0)

IARC group	1 - Carcinogenic to humans
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### reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt

NOAEL (chronic, oral, animal/male, 2 years)	262.2 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	333.9 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

### methanol (67-56-1)

STOT-single exposure	Causes damage to organs.
STOT-repeated exposure	: Not classified

### methanol (67-56-1)

LOAEL, subacute, oral, monkey	2340 mg/kg bw (3 days)
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### L-(+)-lactic acid (79-33-4)

LC50 - Fish [1]	130 mg/l <i>Lepomis macrochirus</i> (Bluegill)
LC50 - Fish [2]	130 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
EC50 - Crustacea [1]	130 mg/l
EC50 72h - Algae [1]	> 2800 mg/l <i>Pseudokirchneriella subcapitata</i>
EC50 72h - Algae [2]	3500 mg/l <i>Selenastrum capricornutum</i>
NOEC chronic algae	1900 mg/l <i>Pseudokirchneriella subcapitata</i>

### amides, C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)

LC50 - Fish [1]	2.4 mg/l Rainbow trout ( <i>Oncorhynchus mykiss</i> )
LC50 - Fish [2]	4.9 mg/l Zebrafish ( <i>Danio rerio</i> )



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<b>amides,C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)</b>	
EC50 - Crustacea [1]	3.2 mg/l Daphnia magna
EC50 72h - Algae [1]	18.6 mg/l
NOEC chronic fish	0.32 mg/l
NOEC chronic crustacea	0.07 mg/l Daphnia magna
<b>disodium laureth sulfosuccinate (39354-45-5)</b>	
LC50 - Fish [1]	1 mg/l Carassius Auratus
EC50 - Crustacea [1]	1 mg/l Daphnia Magna
<b>formaldehyde ...% (50-00-0)</b>	
LC50 - Fish [1]	6.18 mg/l striped bass (Morone saxatilis)
EC50 - Crustacea [1]	5.8 mg/l
EC50 72h - Algae [1]	3.48 mg/l
<b>methanol (67-56-1)</b>	
LC50 - Fish [1]	15400 mg/l Lepomis macrochirus (Bluegill)
LC50 - Fish [2]	> 100 mg/l Pimephales promelas (Fat-head Minnow)
EC50 - Crustacea [1]	> 10000 mg/l
EC50 - Other aquatic organisms [1]	2500 mg/l Crangon Crangon (Common sand shrimp)
EC50 96h - Algae [1]	22000 mg/l Selenastrum capricornutum
EC50 96h - Algae [2]	16.912 mg/l Marinewater algae Ulva pertusa
NOEC chronic fish	15800 mg/l Oryzias latipes (Red killifish)
IC50, microorganisms, acute	20000 mg/l (15 Hours)
IC50, microorganisms, acute	> 1000 mg/l (3 Hours)
<b>reaction mass of (2S)-alanine, N,N-bis(carboxymethyl)-, trisodium salt and (2R)-alanine, N,N-bis(carboxymethyl)-, trisodium salt</b>	
LC50 - Fish [1]	> 110 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	> 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d'
<b>sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)</b>	
LC50 - Fish [1]	3.6 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	4.7 mg/l Daphnia magna
EC50 72h - Algae [1]	20 mg/l Desmodesmus subspicatus
NOEC chronic fish	≥ 1.357 Pimephales promelas
NOEC chronic crustacea	0.508 mg/l Ceriodaphnia dubia

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<b>1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b>	
LC50 - Fish [1]	1.11 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	6.5 mg/l Test organisms (species): Daphnia magna
ErC50 algae	2.4 mg/l
NOEC chronic fish	0.135 mg/l
NOEC chronic crustacea	0.3 mg/l

### 12.2. Persistence and degradability

<b>L-(+)-lactic acid (79-33-4)</b>	
Persistence and degradability	Readily biodegradable.
Chemical oxygen demand (COD)	0.9 g O <sub>2</sub> /g substance
Biodegradation	64 % 28 days

<b>amides,C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	92.5 % (28 days)

<b>disodium laureth sulfosuccinate (39354-45-5)</b>	
Persistence and degradability	Readily biodegradable.

<b>formaldehyde ...% (50-00-0)</b>	
Persistence and degradability	Readily biodegradable.

<b>methanol (67-56-1)</b>	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	0.6 – 1.12 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.42 g O <sub>2</sub> /g substance
ThOD	1.5 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.8 % ThOD
Biodegradation	95 % 20 days

<b>sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)</b>	
Persistence and degradability	Readily biodegradable.

<b>1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

<b>L-(+)-lactic acid (79-33-4)</b>	
Bioaccumulative potential	Not bioaccumulable.

<b>amides,C8-18(even-numbered) and C18(unsatd.), N,N-bis(hydroxyethyl)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.75
Bioaccumulative potential	Not established.

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formaldehyde ...% (50-00-0)	
Partition coefficient n-octanol/water (Log Pow)	0.35
Bioaccumulative potential	No bioaccumulation.
methanol (67-56-1)	
BCF - Fish [1]	< 10 Leuciscus idus (Golden orfe)
Partition coefficient n-octanol/water (Log Pow)	-0.74
Bioaccumulative potential	Low. Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Partition coefficient n-octanol/water (Log Kow)	≤ -2.42
Bioaccumulative potential	Bioaccumulation unlikely.

### 12.4. Mobility in soil

methanol (67-56-1)	
Surface tension	22.6 mN/m (20 °C)
Ecology - soil	Product adsorbs onto the soil.

### 12.5. Results of PBT and vPvB assessment

Component	
sulphuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	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
amides, C8-18 (even-numbered) and C18 (unsatd.), N,N-bis(hydroxyethyl)	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
L-(+)-lactic acid (79-33-4)	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
formaldehyde ...% (50-00-0)	PBT: not relevant – no registration required
methanol (67-56-1)	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

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

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.

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

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

#### Abbreviations and acronyms:

CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

#### Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute Not classified	Hazardous to the aquatic environment – Acute Hazard Not classified
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 1B	Carcinogenicity, Category 1B
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Dam./Irrit. Not classified	Serious eye damage/eye irritation Not classified
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

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Full text of H- and EUH-statements:	
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H370	Causes damage to organs.
H371	May cause damage to organs.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals, Category 1
Muta. 2	Germ cell mutagenicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 1	Specific target organ toxicity – single exposure, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

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.