

SAFETY DATA SHEET

## Eco Clean Dish Wash Eucalyptus

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

#### 1.1. Product identifier

##### Trade name

Eco Clean Dish Wash Eucalyptus

##### ▼ Unique formula identifier (UFI)

NS50-A0GQ-Y00W-5EDN

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

##### Relevant identified uses of the substance or mixture

Detergent for retail

##### Use descriptors (REACH)

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC10	Roller application or brushing
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

##### Uses advised against

No special

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

##### Company and address

**Eco Clean Nordic Aps**

Bådehavns­gade 12, 1. Sal.

2450 København SV

Denmark

##### Contact person

Tommy W. Andersen

##### E-mail

info@ecnordic.com

##### Revision

14-10-2021

##### SDS Version

2.0

##### Date of previous version

2021-10-13 (1.0)

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)

Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

Prevention

-

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

-

Disposal

-

Hazardous substances

D-glucopyranose, oligomeric, c10-16-alkyl glycosides

D-Glucopyranose, oligomers, decyl octyl glycosides

1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 and c18-unsatd. Acyl)deriv., hydroxides, inner salts

Geraniol

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
D-glucopyranose, oligomeric, c10-16-alkyl glycosides	CAS No.: 110615-47-9	3-5%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318 (SCL: 12.00 %)	
	EC No.: 600-975-8			
	REACH: 01-2119489418-23			
	Index No.:			

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

D-Glucopyranose, oligomers, decyl octyl glycosides	CAS No.: 68515-73-1 EC No.: 500-220-1 REACH: 01-2119488530-36-XXXX Index No.:	1-3%	Eye Dam. 1, H318	
1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 and c18-unsatd. Acyl)derivs., hydroxides, inner salts	CAS No.: 147170-44-3 EC No.: 604-575-4 REACH: 01-2119489410-39 Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Aquatic Chronic 3, H412	
Cineol	CAS No.: 470-82-6 EC No.: 207-431-5 REACH: Index No.:	<0.1%	Flam. Liq. 3, H226 Skin Sens. 1B, H317	
Geraniol	CAS No.: 106-24-1 EC No.: 203-377-1 REACH: Index No.:	<0.05%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318	[9]
(R)-p-mentha-1,8-diene;dipentene;(±)-1-methyl-4-(1-methylvinyl)cyclohexene;(S)-p-mentha-1,8-diene;trans-1-methyl-4-(1-methylvinyl)cyclohexene;d-limonene;limonene;l-limonene	CAS No.: 5989-27-5 EC No.: 227-813-5 REACH: Index No.: 601-029-00-7	<0.01%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[9]
Linalool	CAS No.: 78-70-6 EC No.: 201-134-4 REACH: Index No.:	<0.0015%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[9]

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[9] Identified by EU as one of 26 specific fragrance ingredients, known to cause allergic contact dermatitis (Regulation (EC) No 1223/2009 on cosmetic products)

#### Labelling of contents according to Detergents Regulation (EC) No 648/2004

5% - 15%

· Non-ionic surfactants

< 5%

· Amphoteric surfactants

· Perfumes (GERANIOL)

- Perfumes (D-LIMONENE)
- Perfumes (LINALOOL)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Not applicable

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

No specific requirements

## 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

## 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage temperature

> 0°C

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
DNEL	595000 mg/kg
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
DNEL	420 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
DNEL	357000 mg/kg
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
DNEL	35,7 mg/kg
Route of exposure	Oral

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Duration	Long term – Systemic effects - General population
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
DNEL	124 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
DNEL	44 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
DNEL	7,5 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
DNEL	7,5 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
DNEL	12,5 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

#### PNEC

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,176 mg/l
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,018 mg/l
Route of exposure	Marine water
Duration of Exposure	
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,0295 mg/l
Route of exposure	Intermittent release
Duration of Exposure	
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	1,516 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,065/kg mg
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	0,654 mg/kg
Route of exposure	Soil
Duration of Exposure	
Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
PNEC	5000 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	0,0135 mg/l
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	0,00135 mg/l
Route of exposure	Marine water
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	1 mg/kg
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	0,1 mg/kg
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	3000 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	
Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
PNEC	0,8 mg/kg
Route of exposure	Soil
Duration of Exposure	

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

**General recommendations**

Smoking, drinking and consumption of food is not allowed in the work area.

**Exposure scenarios**

There are no exposure scenarios implemented for this product.

**Exposure limits**

Occupational exposure limits have not been defined for the substances in this product.

**Appropriate technical measures**

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

No specific requirements

**Individual protection measures, such as personal protective equipment**

**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

Type	Class	Colour	Standards
No specific requirements	-	-	-

**Skin protection**

Recommended	Type/Category	Standards
No specific requirements	-	-

**Hand protection**

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No specific requirements	-	-	-

**Eye protection**

Type	Standards
In the likelihood of direct or incidental exposure, use eye protection.	EN166



**SECTION 9: Physical and chemical properties**

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

**Form**

Liquid

**Colour**

Clear

**Odour**

Eucalyptus

**Odour threshold (ppm)**

Testing not relevant or not possible due to nature of the product.

**pH**

4,5

**Density (g/cm<sup>3</sup>)**

1.02

**Viscosity**

Testing not relevant or not possible due to nature of the product.



## Phase changes

### Melting point (°C)

Testing not relevant or not possible due to nature of the product.

### Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

### Vapour pressure

Testing not relevant or not possible due to nature of the product.

### Vapour density

Testing not relevant or not possible due to nature of the product.

### Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

### Evaporation rate (n-butylacetate = 100)

## Data on fire and explosion hazards

### Flash point (°C)

Testing not relevant or not possible due to nature of the product.

### Ignition (°C)

Testing not relevant or not possible due to nature of the product.

### Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

### Explosion limits (% v/v)

Testing not relevant or not possible due to nature of the product.

### Explosive properties

Testing not relevant or not possible due to nature of the product.

### Oxidizing properties

Testing not relevant or not possible due to nature of the product.

## Solubility

### Solubility in water

Soluble

### n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

### Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

## 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

No special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
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According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Test method  
 Species Rat  
 Route of exposure Dermal  
 Test LD50  
 Result >5000 mg/kg ·  
 Other information

Product/substance D-glucopyranose, oligomeric, c10-16-alkyl glycosides  
 Test method  
 Species Rat  
 Route of exposure Oral  
 Test LD50  
 Result >5000 mg/kg ·  
 Other information

Product/substance D-Glucopyranose, oligomers, decyl octyl glycosides  
 Test method  
 Species Rat  
 Route of exposure Oral  
 Test LD50  
 Result >2000 mg/kg ·  
 Other information

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Test method  
 Species Rat  
 Route of exposure Dermal  
 Test LD50  
 Result >2000 mg/kg ·  
 Other information

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Test method  
 Species Rat  
 Route of exposure Oral  
 Test LD50  
 Result >5000 mg/kg ·  
 Other information

**Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory sensitisation**

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**Other information**

(R)-p-mentha-1,8-diene;dipentene;(±)-1-methyl-4-(1-methylvinyl)cyclohexene;(S)-p-mentha-1,8-diene;trans-1-methyl-4-(1-methylvinyl)cyclohexene;d-limonene;limonene;l-limonene has been classified by IARC as a group 3 carcinogen.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	>1-10 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Crustacean
Compartment	
Duration	No data available.
Test	EC0
Result	>100 mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Fish
Compartment	
Duration	28 days
Test	NOEC
Result	> 1mg/l ·
Other information	

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Test method	
Species	Daphnia
Compartment	
Duration	21 days
Test	NOEC
Result	> 1 mg/l ·

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Other information

Product/substance D-glucopyranose, oligomeric, c10-16-alkyl glycosides  
 Test method  
 Species Daphnia  
 Compartment  
 Duration 48 hours  
 Test EC50  
 Result >10-100 mg/l ·  
 Other information

Product/substance D-glucopyranose, oligomeric, c10-16-alkyl glycosides  
 Test method  
 Species Algae  
 Compartment  
 Duration 72 hours  
 Test EC50  
 Result >10-100 mg/l ·  
 Other information

Product/substance D-Glucopyranose, oligomers, decyl octyl glycosides  
 Test method  
 Species Fish  
 Compartment  
 Duration No data available.  
 Test EC50  
 Result 10-100 mg/l ·  
 Other information

Product/substance D-Glucopyranose, oligomers, decyl octyl glycosides  
 Test method  
 Species Crustacean  
 Compartment  
 Duration No data available.  
 Test EC0  
 Result >100 mg/l ·  
 Other information

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Test method  
 Species Fish  
 Compartment  
 Duration No data available.  
 Test LC50  
 Result >1-10 mg/l ·  
 Other information

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Test method  
 Species Daphnia  
 Compartment

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Duration	No data available.
Test	EC50
Result	>1-10 mg/l ·
Other information	

Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
Test method	
Species	Algae
Compartment	
Duration	No data available.
Test	EC50
Result	>1-10 mg/l ·
Other information	

Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
Test method	
Species	Crustacean
Compartment	
Duration	No data available.
Test	EC0
Result	>100 mg/l ·
Other information	

Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
Test method	
Species	Fish
Compartment	
Duration	No data available.
Test	NOEC
Result	<=1 mg/l ·
Other information	

Product/substance	1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts
Test method	
Species	Algae
Compartment	
Duration	No data available.
Test	NOEC
Result	<=1 mg/l ·
Other information	

## 12.2. Persistence and degradability

Product/substance	D-glucopyranose, oligomeric, c10-16-alkyl glycosides
Biodegradable	Yes
Test method	
Result	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
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According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Biodegradable Yes  
 Test method  
 Result

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Biodegradable Yes  
 Test method  
 Result

### 12.3. Bioaccumulative potential

Product/substance D-glucopyranose, oligomeric, c10-16-alkyl glycosides  
 Test method  
 Potential bioaccumulation No  
 LogPow No data available  
 BCF No data available  
 Other information

Product/substance 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N(c8-18 andc18-unsatd. Acyl)derivs., hydroxides, inner salts  
 Test method  
 Potential bioaccumulation No  
 LogPow No data available  
 BCF No data available  
 Other information

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Other adverse effects

No special

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.  
 Avoid discharge to lakes, streams, sewers, etc.  
 Dispose of contents/container to an approved waste disposal plant.  
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

#### EWC code

20 01 29\* Detergents containing dangerous substances

#### Specific labelling

Not applicable

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 - 14.4

Not dangerous goods according to ADR, IATA and IMDG.

**ADR/RID**

Not applicable

**IMDG**

Not applicable

"MARINE POLLUTANT"

No

**IATA**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

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

No data available

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Restrictions for application**

No special

**Demands for specific education**

No specific requirements

**SEVESO - Categories / dangerous substances**

Not applicable

**Additional information**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Sources**

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

H226, Flammable liquid and vapour.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

**The full text of identified uses as mentioned in section 1**

LCS "C" = Consumer uses: Private households (= general public = consumers)

PROC10 = Roller application or brushing

PC35 = Washing and Cleaning Products (including solvent based products)

ERC8a = Wide dispersive indoor use of processing aids in open systems

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 CAS = Chemical Abstracts Service  
 CE = Conformité Européenne  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 CSA = Chemical Safety Assessment  
 CSR = Chemical Safety Report  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EINECS = European Inventory of Existing Commercial chemical Substances  
 ES = Exposure Scenario  
 EUH statement = CLP-specific Hazard statement  
 EWC = European Waste Catalogue  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IARC = International Agency for Research on Cancer (IARC)  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 OECD = Organisation for Economic Co-operation and Development  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 RRN = REACH Registration Number  
 SCL = A specific concentration limit.  
 SVHC = Substances of Very High Concern  
 STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
 STOT-SE = Specific Target Organ Toxicity - Single Exposure  
 TWA = Time weighted average  
 UN = United Nations  
 UVCB = Complex hydrocarbon substance  
 VOC = Volatile Organic Compound  
 vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture is based on test data.

#### The safety data sheet is validated by

LT

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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