

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Liquid soap – Gently scented

**Product no.**

6661, 6760

**REACH registration number**

Not applicable

**Other means of identification**

Nordic Ecolabels license number: 590 062

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

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

Swan labelled cream soap with mild, pleasant fragrance and humidifying abilities.

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Abena A/S  
Egelund 35  
DK-6200 Aabenraa  
tlf: +45 74 31 18 18  
fax: +45 74 62 97 37  
www.abena.dk

**Contact person**

Hanne Holm

**E-mail**

info@abena.com

**SDS date**

20-11-2012

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified as dangerous.

See full text of H/R-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**

-

**Hazard statement(s)**

-

**Identity of the substances primarily responsible for the major health hazards**

-

<b>Safety statement(s)</b>	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

According to EC-Regulation 1907/2006 (REACH)

### 2.3. Other hazards

-

#### Additional labelling

Safety data sheet available on request.

#### Additional warnings

-

#### VOC

-

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances

NAME:	water
IDENTIFICATION NOS.:	CAS-no: 7732-18-5 EC-no: -
CONTENT:	>40%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
IDENTIFICATION NOS.:	CAS-no: 68891-38-3 EC-no: 221-416-0
CONTENT:	5-15%
DSD CLASSIFICATION:	Xi;R41
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1 H315, H318
NAME:	amide polyglycolic ether
IDENTIFICATION NOS.:	CAS-no: 85536-23-8
CONTENT:	1-5%
DSD CLASSIFICATION:	Xi;R38
CLP CLASSIFICATION:	Skin Irrit. 2 H315
NAME:	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
IDENTIFICATION NOS.:	CAS-no: 61789-40-0 EC-no: 263-058-8
CONTENT:	1-5%
DSD CLASSIFICATION:	Xi;R36
CLP CLASSIFICATION:	Eye Irrit. 2 H319
NAME:	sodium chloride
IDENTIFICATION NOS.:	CAS-no: 7647-14-5 EC-no: 231-598-3
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	(2-hydroxyethyl)ammonium dodecylsulfate
IDENTIFICATION NOS.:	CAS-no: 4722-98-9 EC-no: 225-214-3
CONTENT:	<1%
DSD CLASSIFICATION:	Xi;R38 R41
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1 H315, H318
NAME:	propane-1,2-diol
IDENTIFICATION NOS.:	CAS-no: 57-55-6 EC-no: 200-338-0
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Ethoxylated coconut oil acid monoglyceride
IDENTIFICATION NOS.:	CAS-no: 68201-46-7
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	glycerol
IDENTIFICATION NOS.:	CAS-no: 56-81-5 EC-no: 200-289-5
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-

According to EC-Regulation 1907/2006 (REACH)

NAME:	citric acid
IDENTIFICATION NOS.:	CAS-no: 77-92-9 EC-no: 201-069-1
CONTENT:	<1%
DSD CLASSIFICATION:	Xi;R36
CLP CLASSIFICATION:	Eye Irrit. 2 H319
NAME:	2-phenoxyethanol
IDENTIFICATION NOS.:	CAS-no: 122-99-6 EC-no: 204-589-7 Index-no: 603-098-00-9
CONTENT:	<1%
DSD CLASSIFICATION:	Xn; R22 Xi; R36
CLP CLASSIFICATION:	Acute tox. 4, Eye Irrit. 2 H302, H319
NAME:	sodium benzoate
IDENTIFICATION NOS.:	CAS-no: 532-32-1 EC-no: 208-534-8
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	perfume
IDENTIFICATION NOS.:	CAS-no: - EC-no: -
CONTENT:	<0.1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	benzoic acid
IDENTIFICATION NOS.:	CAS-no: 65-85-0 EC-no: 200-618-2
CONTENT:	<0.1%
DSD CLASSIFICATION:	Xi;R37 R41
CLP CLASSIFICATION:	STOT SE 3, Eye Dam. 1 H318, H335
NAME:	3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione
IDENTIFICATION NOS.:	CAS-no: 520-45-6 EC-no: 208-293-9 Index-no: 607-163-00-2
CONTENT:	<0.1%
DSD CLASSIFICATION:	Xn; R22
CLP CLASSIFICATION:	Acute tox. 4 H302
NAME:	Sodium iminodisuccinate
IDENTIFICATION NOS.:	CAS-no: 14459-83-20
CONTENT:	<0.1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-

(\*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

## Other informations

### Ingredients:

AQUA (Solvent), SODIUM LAURETH SULFATE (Surfactant), PEG-4 RAPESEEDAMIDE (Surfactant), COCAMIDOPROPYL BETAINE (Surfactant), SODIUM CHLORIDE (Thickening agent), MEA-LAURYL SULFATE (Surfactant), PROPYLENE GLYCOL (Solvent), PEG-40 GLYCERYL COCOATE (Humectant), GLYCERIN (Humectant), CITRIC ACID (pH adjustment), PHENOXYETHANOL (Preservative), SODIUM BENZOATE (Preservative), PARFUM (Fragrance), BENZOIC ACID (Preservative), DEHYDROACETIC ACID (Preservative), SODIUM IMINODISUCCINATE (Complexing agent)

## 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 continue. Never give an unconscious person water or similar.

#### Inhalation

Get the person into fresh air and stay with them.

#### **Skin contact**

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### **Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

#### **Ingestion**

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

#### **Burns**

Rinse with water until the pain stops and continue for 30 minutes.

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

No special

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

No special

#### **Information to medic**

Bring this safety data sheet.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Sulphur oxides. Carbon oxides. Some metal oxides. Fire will result in thick black smoke. Exposure to catabolic products can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

### **SECTION 6: Accidental release measures**

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

No specific requirements.

#### **6.2. Environmental precautions**

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

#### **6.4. Reference to other sections**

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

See section on 'Exposure controls/personal protection' for information on personal protection.

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

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

#### **Storage temperature**

Frost-free

According to EC-Regulation 1907/2006 (REACH)

### 7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

propane-1,2-diol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

#### DNEL / PNEC

DNEL (propane-1,2-diol): 168 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (propane-1,2-diol): 10 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (propane-1,2-diol): 50 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (propane-1,2-diol): 10 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: General population  
 DNEL (glycerol): 56 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (glycerol): 229 mg/kg - Exposure: Oral - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (glycerol): 33 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: General population  
 DNEL (2-phenoxyethanol): 34,72 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (2-phenoxyethanol): 8,07 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (2-phenoxyethanol): 8,07 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (2-phenoxyethanol): 17,43 mg/kg - Exposure: Oral - Duration: Short term - Systemic effects - Remarks: General population  
 DNEL (2-phenoxyethanol): 20,83 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (2-phenoxyethanol): 2,41 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (2-phenoxyethanol): 17,43 mg/kg - Exposure: Oral - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (2-phenoxyethanol): 2,41 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: General population  
 DNEL (benzoic acid): 34,7 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (benzoic acid): 10,4 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (benzoic acid): 4,5 mg/cm<sup>2</sup> - Exposure: Dermal - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (benzoic acid): 6,3 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (benzoic acid): 20,8 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (benzoic acid): 2,1 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (benzoic acid): 25 mg/kg - Exposure: Oral - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (benzoic acid): 2,7 mg/cm<sup>2</sup> - Exposure: Dermal - Duration: Long term - Local effects - Remarks: General population  
 DNEL (benzoic acid): 1,3 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: General population  
 DNEL (sodium benzoate): 34,7 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (sodium benzoate): 10,4 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (sodium benzoate): 4,5 mg/cm<sup>2</sup> - Exposure: Dermal - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (sodium benzoate): 6,3 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: Workers  
 DNEL (sodium benzoate): 20,8 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (sodium benzoate): 2,1 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (sodium benzoate): 25 mg/kg - Exposure: Oral - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (sodium benzoate): 2,7 mg/cm<sup>2</sup> - Exposure: Dermal - Duration: Long term - Local effects - Remarks: General population  
 DNEL (sodium benzoate): 1,3 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Local effects - Remarks: General population  
 DNEL (sodium chloride): 295,52 mg/kg - Exposure: Dermal - Duration: Short term - Systemic effects - Remarks: Workers  
 DNEL (sodium chloride): 2068,62 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Short term - Systemic effects - Remarks: Workers  
 DNEL (sodium chloride): 295,52 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (sodium chloride): 2068,62 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: Workers  
 DNEL (sodium chloride): 126,65 mg/kg - Exposure: Dermal - Duration: Short term - Systemic effects - Remarks: General population  
 DNEL (sodium chloride): 443,28 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Short term - Systemic effects - Remarks: General population  
 DNEL (sodium chloride): 126,65 mg/kg - Exposure: Oral - Duration: Short term - Systemic effects - Remarks: General population  
 DNEL (sodium chloride): 126,65 mg/kg - Exposure: Dermal - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (sodium chloride): 443,28 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - Systemic effects - Remarks: General population  
 DNEL (sodium chloride): 126,65 mg/kg - Exposure: Oral - Duration: Long term - Systemic effects - Remarks: General population  
 PNEC (propane-1,2-diol): 260 mg/L - Exposure: Water - Duration: Single - Remarks: Freshwater  
 PNEC (propane-1,2-diol): 26 mg/L - Exposure: Water - Duration: Single - Remarks: Marine water  
 PNEC (propane-1,2-diol): 183 mg/L - Exposure: Water - Duration: Continuous  
 PNEC (propane-1,2-diol): 50 mg/kg - Exposure: Soil - Duration: Single  
 PNEC (glycerol): 0,885 mg/L - Exposure: Water - Duration: Single - Remarks: Freshwater  
 PNEC (glycerol): 0,0885 mg/L - Exposure: Water - Duration: Single - Remarks: Marine water  
 PNEC (glycerol): 8,85 mg/L - Exposure: Water - Duration: Continuous  
 PNEC (glycerol): 0,141 mg/kg - Exposure: Soil - Duration: Single  
 PNEC (2-phenoxyethanol): 0,943 mg/L - Exposure: Water - Duration: Single - Remarks: Freshwater  
 PNEC (2-phenoxyethanol): 0,0943 mg/L - Exposure: Water - Duration: Single - Remarks: Marine water  
 PNEC (2-phenoxyethanol): 3,44 mg/L - Exposure: Water - Duration: Continuous  
 PNEC (2-phenoxyethanol): 1,26 mg/kg - Exposure: Soil - Duration: Single  
 PNEC (citric acid): 0,44 mg/L - Exposure: Water - Duration: Single - Remarks: Freshwater  
 PNEC (citric acid): 0,044 mg/L - Exposure: Water - Duration: Single - Remarks: Marine water

According to EC-Regulation 1907/2006 (REACH)

PNEC (citric acid): 33,1 mg/kg - Exposure: Soil - Duration: Single  
 PNEC (sodium chloride): 5 mg/L - Exposure: Water - Duration: Single - Remarks: Freshwater  
 PNEC (sodium chloride): 19 mg/L - Exposure: Water - Duration: Continuous  
 PNEC (sodium chloride): 4,86 mg/kg - Exposure: Soil - Duration: Single

## 8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

### General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

### Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

### Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

### Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

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

-

#### Generally

Only CE-marked personal protection equipment should be used.

#### Respiratory Equipment

No specific requirements.

#### Skin protection

No specific requirements.

#### Hand protection

No specific requirements.

#### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

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

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Liquid	Clear	Sweet	4,5	2000-4000 cP	1,02

#### Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

#### Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-

Explosion limits (Vol %)	Oxidizing properties
-	-

#### Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

### 9.2. Other information

Solubility in fat	Additional information
-	N/A

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents, and strong catabolic 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

Substance	Species	Test	Route of exposure	Result
propane-1,2-diol	Rat	LD50	Oral	22000 mg/kg
propane-1,2-diol	Rabbit	LD50	Dermal	>2000 mg/kg
propane-1,2-diol	Rabbit	LC50	Inhalation	>317042 mg/m <sup>3</sup>
amide polyglycolic ether	Rat	LD50	Oral	>2000 mg/kg
glycerol	Rat	LD50	Oral	27 mg/kg
glycerol	Rat	LC50	Inhalation	4655 mg-min/L 7 h
2-phenoxyethanol	Rat	LD50	Oral	1260 mg/kg
2-phenoxyethanol	Rabbit	LD50	Dermal	2250 mg/kg
2-phenoxyethanol	Rat	LC50	Inhalation	>1000 mg/m <sup>3</sup>
benzoic acid	Rat	LD50	Oral	2565 mg/kg
benzoic acid	Rabbit	LD50	Dermal	>2000 mg/kg
benzoic acid	Rat	LC50	Inhalation	>12,2 mg/L
3-acetyl-6-methyl-2H-pyran-2,4...	Rat	LD50	Oral	500 mg/kg
sodium benzoate	Rat	LD50	Oral	5470 mg/kg
citric acid	Rat	LD50	Oral	5790 mg/kg
citric acid	Rat	LD50	Dermal	>2000 mg/kg
sodium chloride	Rat	LD50	Oral	3550 mg/kg
sodium chloride	Rabbit	LD50	Dermal	>10000 mg/kg
sodium chloride	Rat	LC50	Inhalation	>42 mg/L

#### Long term effects

No special

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Species	Test	Test duration	Result
propane-1,2-diol	Fish	LC50	96 h	40613 mg/L
propane-1,2-diol	Daphnia	EC50	48 h	43500 mg/L
propane-1,2-diol	Algae	EC50	72 h	19300 mg/L
amide polyglycolic ether	Fish	LC50	96 h	13 mg/L
amide polyglycolic ether	Daphnia	EC50	48 h	7 mg/L
amide polyglycolic ether	Algae	EC50	72 h	22 mg/L
glycerol	Fish	LC50	96 h	54000 mg/L
glycerol	Daphnia	EC50	24 h	>10000 mg/L
2-phenoxyethanol	Fish	LC50	96 h	344 mg/L
2-phenoxyethanol	Daphnia	EC50	72 h	>500 mg/L
2-phenoxyethanol	Algae	EC50	72 h	443 mg/L
benzoic acid	Fish	LC50	96 h	44,6 mg/L
benzoic acid	Daphnia	EC50	24 h	102 mg/L
benzoic acid	Algae	EC50	72 h	>33,1 mg/L
sodium benzoate	Fish	LC50	96 h	>100 mg/L
sodium benzoate	Daphnia	EC50	48 h	650 mg/L
sodium benzoate	Algae	EC50	72 h	>30,5 mg/L
citric acid	Fish	LC50	48 h	440 mg/L
citric acid	Daphnia	EC50	72 h	120 mg/L
sodium chloride	Fish	LC50	96 h	5840 mg/L
sodium chloride	Daphnia	EC50	48 h	1016 mg/L
sodium chloride	Algae	EC50	120 h	2430 mg/L

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
propane-1,2-diol		No data available	No data available
water		No data available	No data available
amide polyglycolic ether		No data available	No data available
glycerol	Yes	No data available	No data available
2-phenoxyethanol		No data available	No data available
benzoic acid		No data available	No data available
sodium benzoate		No data available	No data available
citric acid		No data available	No data available

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
sodium 2-(2-dodecyloxyethoxy)e..	No	1,87	No data available
propane-1,2-diol	No	-1,07	No data available
water	No	No data available	No data available
glycerol	No	-1,76	No data available
2-phenoxyethanol	No	1,2	0,3493
benzoic acid	No	-1,88	No data available
3-acetyl-6-methyl-2H-pyran-2,4...	No	0,78	No data available
sodium benzoate	No	-2,27	No data available
citric acid	No	-1,64	3,2

### 12.4. Mobility in soil

sodium 2-(2-dodecyloxyethoxy)e...: Log Koc= 1,559253, Calculated from LogPow (High mobility potential. ). propane-1,2-diol: Log Koc= -0,768933, Calculated from LogPow (High mobility potential. ). glycerol: Log Koc= -1,315344, Calculated from LogPow (High mobility potential. ). 2-phenoxyethanol: Log Koc= 1,16 (High mobility potential. ). benzoic acid: Log Koc= -1,410372, Calculated from LogPow (High mobility potential. ). 3-acetyl-6-methyl-2H-pyran-2,4...: Log Koc= 0,696082, Calculated from LogPow (High mobility potential. ). sodium benzoate: Log Koc= -2,13 (High mobility potential. ). ethyl 2,3-epoxy-3-phenylbutyra...: Log Koc= 2,4541, Calculated from LogPow (Moderate mobility potential. ). citric acid: Log Koc= -1,220316, Calculated from LogPow (Moderate mobility potential. ).

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

Non known.



## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

#### Waste

EWC code

16 10 03

#### Specific labelling

-

#### Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

ADR/RID	UN number	UN proper shipping name	Transport hazard class(es)	Packing group			Notes
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

-

#### Demands for specific education

-

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

### Full text of H/R-phrases as mentioned in section 3

R22 - Harmful if swallowed.

R36 - Irritating to eyes.

R37 - Irritating to respiratory system.

R38 - Irritating to skin.

R41 - Risk of serious damage to eyes.

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

According to EC-Regulation 1907/2006 (REACH)

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

-

**Other symbols mentioned in section 2**

-

**Other**

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.

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.

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

**The safety data sheet is validated by**

JM

**Date of last essential change  
(First cipher in SDS version)**

-

**Date of last minor change  
(Last cipher in SDS version)**

-

---

ALPHAOMEGA. Licens nr.:2406010839,  
[www.chymeia.com](http://www.chymeia.com)