

# SAFETY DATA SHEET

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

### 1.1. Product identifier

#### Trade name

Sanitetsrengøring Prime Souce Mild 42 alkalisk

#### REACH registration number

Not applicable

#### Other means of identification

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

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

PC35 Washing and cleaning products

#### Uses advised against

-

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

MultiLine  
Kirkebjergvej 17,  
4180 Sorø  
Alsvej 14  
8940 Randers SV  
+45 7010 7700

#### Contact person

Kemiingeniør Jacob L. Mose

#### E-mail

productsafety@multiline.dk

#### SDS date

26-02-2015

#### SDS Version

5.0

### 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

Eye Irrit. 2 // H319

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

#### DPD/DSD Classification

-

-

### 2.2. Label elements

#### Hazard pictogram(s)



#### Signal word

Warning!

#### Hazard statement(s)

Causes serious eye irritation. (H319)

<b>Safety statement(s)</b>	<b>General Prevention</b>	-
	<b>Response</b>	Wash exposed areas thoroughly after handling. (P264) Wear protective gloves/eye protection/face protection. (P280) 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)
	<b>Storage</b>	-
	<b>Disposal</b>	-

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

-

### 2.3. Other hazards

**Additional labelling**

-

**Additional warnings**

-

**VOC**

-

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances

NAME:	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
IDENTIFICATION NOS.:	CAS-no: 69011-36-5 EC-no: - REACH-no: 02-2119552461-55-0000
CONTENT:	3-5%
DSD CLASSIFICATION:	Xn;R22 Xi;R41
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1 H302, H318
NAME:	Alanine, N,N-bis(carboxymethyl)-, trisodium salt
IDENTIFICATION NOS.:	CAS-no: 164462-16-2 REACH-no: 01-0000016977-53
CONTENT:	3-5%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	Met. Corr. 1 H290
NAME:	Alkyl ether sulfate C12-14, sodium salt
IDENTIFICATION NOS.:	CAS-no: 68891-38-3 EC-no: 500-234-8 REACH-no: 01-2119488639-16
2119488639-16	
CONTENT:	1-3%
DSD CLASSIFICATION:	Xi;R36/38
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1 H315, H318

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

### Other informations

Detergent:

0 - 5%: NON-IONIC SURFACTANTS, TRISODIUM DICARBOXYMETHYL ALANINATE, ANIONIC SURFACTANTS, AMPHOTERIC SURFACTANTS

## 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 injured person into fresh air. Make sure there is always someone with the injured person. Prevent shock by keeping the injured person warm and calm. If the person stops breathing, give mouth-to-mouth

resuscitation. If unconscious, roll the injured person onto side with the top leg bent at both knee and hip. Call an ambulance.

#### **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 with water (20-30°C) for at least 15 minutes. Call 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**

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

If eye irritation persists: Get medical advice/attention.

#### **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**

No special

#### **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**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. 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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### **Storage temperature**

No data available.

#### **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

No data available

#### DNEL / PNEC

PNEC (Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched): >10.000 mg/l - Exposure: Activated Sludge Plant

PNEC (Alkyl ether sulfate C12-14, sodium salt): >100 mg/l - Exposure: Activated Sludge Plant - Remarks: EC0, OECD 209

PNEC (Alanine, N,N-bis(carboxymethyl)-, trisodium salt): > 200 mg/l - Exposure: Activated Sludge Plant - Remarks: EC 50 0,5 h

### 8.2. Exposure controls

No control is necessary if the product is used in a normal way.

#### General recommendations

Observe general occupational hygiene.

#### Exposure scenarios

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

#### Exposure limits

There are no maximum exposure limits for the substances contained in this product.

#### Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

#### 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. Use only CE marked protective equipment.

#### Respiratory Equipment

Recommended: NA, NA, NA

#### Skin protection

Special work clothing should be used.

#### Hand protection

Recommended: Neoprene. . Breakthrough time: > 240 minutes (Class 5)

#### Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

## 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	None	11,0	-	1,04

#### Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	99	-

#### 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	pH i brugsopl. 9,5
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 oxidizing agents, and strong reductants 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
Alkyl ether sulfate C12-14, so...	Rat	LD50	Oral	>5000 mg/l
Alkyl ether sulfate C12-14, so...	Rat	LD50	Dermal	>5000 mg/l
Alanine, N,N,-bis(carboxymethyl)...	Rat	LD50	Oral	> 4000 mg/kg
Alanine, N,N,-bis(carboxymethyl)...	Rat	LD50	Dermal	> 4000 mg/kg
Alanine, N,N,-bis(carboxymethyl)...	Rabbit	LC50	Oral	> 5 mg/l
Poly(oxy-1,2-ethanediyl), alph...	Rat	LD50	Oral	500-2000 mg/kg

#### Skin corrosion/irritation

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Test: OECD Guideline 404

Organism: Rabbit

Result: Not irritating

Data on substance: Alkyl ether sulfate C12-14, sodium salt

Test: OECD Guideline 404

Organism: Rabbit

Result: Irritation

#### Serious eye damage/irritation

Causes serious eye irritation.

Data on substance: Alkyl ether sulfate C12-14, sodium salt

Test: OECD Guideline 404

Organism: Rabbit

Result: Irritation

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

Test: OECD Guideline 404

Organism: Rabbit

Result: Irritating

#### Respiratory or skin sensitisation

No data available. Data on substance: Alkyl ether sulfate C12-14, sodium salt

Organism: -

Result: No sensitisation

#### Germ cell mutagenicity

Data on substance: Alkyl ether sulfate C12-14, sodium salt

No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt

No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

#### Carcinogenicity

Data on substance: Alkyl ether sulfate C12-14, sodium salt

No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt

No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

#### Reproductive toxicity

Data on substance: Alkyl ether sulfate C12-14, sodium salt

No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt

No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

Data on substance: Alkyl ether sulfate C12-14, sodium salt

No adverse effect observed. Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched

No adverse effect observed.

#### Long term effects

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Species	Test	Test duration	Result
Alkyl ether sulfate C12-14, so...	Fish	LC50	96 h	10-100 mg/l
Alkyl ether sulfate C12-14, so...	Daphnia	EC50	48 h	10-100 mg/l
Alkyl ether sulfate C12-14, so...	Algae	EC50	72 h	>100 mg/l
Alkyl ether sulfate C12-14, so...	Fish	NOEC		1-10 mg/l
Alkyl ether sulfate C12-14, so...	Daphnia	NOEC		0,1-1 mg/l
Alanine, N,N,-bis(carboxymethyl)...	Fish	LC50	96 h	> 200 mg/l
Alanine, N,N,-bis(carboxymethyl)...	Crustacean	EC50	48 h	> 200 mg/l
Alanine, N,N,-bis(carboxymethyl)...	Algae	EC50	72 h	> 200 mg/l
Poly(oxy-1,2-ethanediyl), alph...	Fish	LC50	96 h	1-10 mg/l
Poly(oxy-1,2-ethanediyl), alph...	Algae	EC50	72 h	1-10 mg/l
Poly(oxy-1,2-ethanediyl), alph...	Daphnia	EC50	48 h	1-10 mg/l

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Alkyl ether sulfate C12-14, so...	Yes	Closed Bottle Test	>60%
Alanine, N,N,-bis(carboxymethyl)...	Yes	No data available	No data available
Poly(oxy-1,2-ethanediyl), alph...	Yes	CO2 Evolution Test	>60%

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
Alkyl ether sulfate C12-14, so...	No	0,3	No data available
Alanine, N,N,-bis(carboxymethyl)...	No	No data available	No data available
Poly(oxy-1,2-ethanediyl), alph...	No	No data available	No data available

### 12.4. Mobility in soil

Alkyl ether sulfate C12-14, so...: Log Koc= 0,31597, Calculated from LogPow (High mobility potential. ).

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

No special

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

#### Waste

EWC code

20 01 29

#### 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

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard  
class(es)

14.4. Packing group

Notes

Tunnel restriction code

#### IMDG

UN-no.

Proper Shipping Name

Class

PG\*

EmS

MP\*\*

Hazardous constituent

#### IATA/CAO

UN-no.

Proper Shipping Name

Class

PG\*

### 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

-

#### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in

According to EC-Regulation 1907/2006 (REACH)

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

EC regulation 1907/2006 (REACH)  
Directive 2000/532/EC  
EC Regulation 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

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

R22 - Harmful if swallowed.  
R41 - Risk of serious damage to eyes.  
R36/38 - Irritating to eyes and skin.  
H290 - May be corrosive to metals.  
H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

#### 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

Lisbet Tetsche

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

26-02-2015

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

26-02-2015

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