

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Skumrengøring alkalisk Prime Source Mild 70

**Product no.**

Sv.licens 5070 0002

**REACH registration number**

Not applicable

### 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

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

Non industrial spraying (PROC 11)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)

**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  
+45 70107700

**Contact person**

Kemiingeniør Jacob L. Mose

**E-mail**

productsafety@multiline.dk

**SDS date**

2018-05-09

**SDS Version**

3.0

### 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

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**▼ Hazard pictogram(s)****Signal word**

Warning

**Hazard statement(s)**

Causes serious eye irritation. (H319)

**Safety statement(s)**

General -

Prevention	Wear eye protection/gloves. (P280).
Response	If eye irritation persists: Get medical advice/attention. (P337+P313).
Storage	-
Disposal	-

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

Not applicable

▼ **2.3. Other hazards**

Not applicable

▼ **Additional labelling**

Not applicable

▼ **Additional warnings**

Not applicable

**VOC**

Not applicable

## SECTION 3: Composition/information on ingredients

▼ **3.1/3.2. Substances/Mixtures**

NAME:	β-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts
IDENTIFICATION NOS.:	CAS-no: 90170-43-7 EC-no: 290-476-8 REACH-no: 02-2119666477-24-0000
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Eye Irrit. 2 H319

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:	1 - <2.5%
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 EC-no: 423-270-5 REACH-no: 01-0000016977-53
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Met. Corr. 1 H290

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

**Other information**

ATEmix(inhale, vapour) > 20  
 ATEmix(inhale, dust/mist) > 5  
 ATEmix(inhale, gas) > 20000  
 ATEmix(dermal) > 2000  
 ATEmix(oral) > 2000

Detergent:  
 > 30%: AQUA  
 < 5%: AMPHOTERIC SURFACTANTS, NON-IONIC SURFACTANTS, SODIUM HYDROXIDE, TRISODIUM DICARBOXYMETHYL ALANINATE

## 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. The doctor can contact The National Poisons Information Service (dial 111, 24 h service). 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**

Bring the person into fresh air and stay with him/her.

▼ **Skin contact**

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

▼ **Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure to flush under the 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 eye irritation persists: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet.

### SECTION 5: Firefighting measures

#### ▼ 5.1. Extinguishing media

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

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

Nothing special

#### ▼ 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

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

#### ▼ 6.4. Reference to other sections

See section on "Disposal considerations" in regard of 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, storage of tobacco, consumption and storage of 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 container. 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 quoted in section 1.2

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### ▼ OEL

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

▼ **DNEL / PNEC**

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

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

**8.2. Exposure controls**

▼ Control is unnecessary if the product is used as intended.

**General recommendations**

▼ Observe general occupational hygiene standards.

**Exposure scenarios**

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

▼ **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 gas or dust.

▼ **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**

No specific requirements.

▼ **Skin protection**

Dedicated work clothing should be worn.

▼ **Hand protection**

Recommended: Neoprene. Breakthrough time: > 240 minutes (Class 5)  
 Material thickness: 0,68 mm.

▼ **Eye protection**

Wear safety glasses with side shields.

**SECTION 9: Physical and chemical properties**

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

Form	Liquid
Colour	Clear
Odour	None
Odour threshold (ppm)	No data available.
pH	11,4
Viscosity (40°C)	No data available.
Density (g/cm³)	1,04

▼ **Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

▼ **Data on fire and explosion hazards**

Flash point (°C)	No data available.
Ignition (°C)	No data available.

Auto flammability (°C)  
Explosion limits (% v/v)  
Explosive properties

No data available.  
No data available.  
No data available.

▼ **Solubility**

Solubility in water  
n-octanol/water coefficient

Soluble  
No data available.

▼ **9.2. Other information**

Solubility in fat (g/L)  
pH 1%opl.: Ca. 10,0

No data available.

## 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 "Handling and storage".

### ▼ 10.3. Possibility of hazardous reactions

Nothing special

### ▼ 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### ▼ 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

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: > 4000 mg/kg

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Rat  
Test: LD50  
Route of exposure: Dermal  
Result: > 4000 mg/kg

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Rabbit  
Test: LC50  
Route of exposure: Oral  
Result: > 5 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 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

#### Serious eye damage/irritation

Causes serious eye 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.

#### Germ cell mutagenicity

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.

Data on substance:  $\beta$ -Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts  
No adverse effect observed.

#### **Carcinogenicity**

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.

Data on substance:  $\beta$ -Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts  
No adverse effect observed.

#### **Reproductive toxicity**

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.

Data on substance:  $\beta$ -Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts  
No adverse effect observed.

#### **STOT-single exposure**

No data available.

#### **STOT-repeated exposure**

No data available.

#### **Aspiration hazard**

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 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.

## **SECTION 12: Ecological information**

### **▼ 12.1. Toxicity**

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: > 200 mg/l

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Crustacean  
Test: EC50  
Duration: 48 h  
Result: > 200 mg/l

Substance: Alanine, N,N,-bis(carboxymethyl)-, trisodium salt  
Species: Algae  
Test: EC50  
Duration: 72 h  
Result: > 200 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: 1-10 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
Species: Algae  
Test: EC50

Duration: 72 h  
Result: 1-10 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched  
Species: Daphnia  
Test: EC50  
Duration: 48 h  
Result: 1-10 mg/l

Substance:  $\beta$ -Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: 4 mg/l

Substance:  $\beta$ -Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts  
Species: Daphnia  
Test: EC50  
Duration: 48 h  
Result: 1,6 mg/l

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Alanine, N,N,-bis(carboxymethyl)...	Yes	No data available	No data available
Poly(oxy-1,2-ethanediyl), alph...	Yes	CO2 Evolution Test	>60%
$\beta$ -Alanine, N-(2-carboxyethyl)-	Yes	No data available	No data available
...			

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
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
$\beta$ -Alanine, N-(2-carboxyethyl)-	No	No data available	No data available
...			

### 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

Nothing special

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### ▼ Waste

EWC code

20 01 29

detergents containing dangerous substances

#### Specific labelling

-

#### ▼ Contaminated packing

Contaminated packaging 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

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/ICAO

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 Marpol 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**

Not applicable 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.

**Seveso**

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**Sources**

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

EC regulation 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

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

H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

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

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

PROC 11 = Non industrial spraying

SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Additional label elements**

Not applicable

**Other**



In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP) 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, see section 1)) 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)**

2015-11-11(2.0)

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

2015-11-11