

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

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

#### 1.1. Product identifier

**Product name:** Cocamidopropyl Betaine  
**CAS number:** 97862-59-4  
**EINECS number:** 931-296-8  
**Synonyms:** CAPB, Coco-Betaine  
**INCI name:** Cocamidopropyl Betaine

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

**Use of substance/mixture:** Detergent, fragrances, cosmetics  
**Uses advised against:** At this moment we have not identified any uses advised against.

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

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.4. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

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

**Classification according to Regulation S.I. 2019/720 (GB CLP):** Serious eye damage: Category 1, H318  
Long term (chronic) aquatic hazard: Category 3, H412  
For the full text of the H-Statements mentioned in this section, see Section 16.  
**Most important adverse effects:** Human Health: See Section 11 for toxicological information.  
Physical and chemical hazards: See Section 9/10 for physicochemical information.  
Potential environmental effects: See Section 12 for environmental information.

#### 2.2. Label elements

##### Labelling according to Regulation S.I. 2019/720 (GB CLP)

**Hazard statements:** H318; Causes serious eye damage.  
H412; Harmful to aquatic life with long lasting effects.  
**Signal words:** Danger

**Hazard pictograms:****Precautionary statements - prevention:**

P273; Avoid release to the environment.  
P280; Wear eye protection/face protection.

**Precautionary statements - response:**

P305 + P351 + P338 + P310; IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

**Precautionary statements - disposal:**

P501; Dispose of contents/container to an approved waste disposal plant.

**Hazardous components which must be listed on the label:**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts

<b>2.3. Other hazards</b>
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**Other hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: the substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: the substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

<b>Section 3: Composition/information on ingredients</b>
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<b>3.1. Mixtures</b>
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**Mixtures:**

**1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts**

EC No.: 931-296-8

EU REACH No.: 01-2119488533-30-xxxx

Amount (%): >= 28 - <30

Hazard class/category: Eye Dam.1, Aquatic Chronic 3, specific concentration limit; Eye Dam. 1; H318 >10%, Eye Irrit. 2; H319 >4 - 10%

Hazard statements: H318, H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Non-hazardous component:**

**Sodium Chloride**

CAS No.: 7647-14-5

EC No.: 231-598-3

EU REACH No.: 01-2119485491-33-xxxx

Amount (%): <= 6

**Sodium Benzoate**

CAS No.: 532-32-1

EC No.: 208-534-8

EU REACH No.: 01-2119460683-35-xxxx

Amount (%): 0.4 - 0.6

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>General advice:</b>	Take off all contaminated clothing immediately.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
<b>Ingestion:</b>	Rinse mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Inhalation:</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Protection of first aid responders:</b>	First aid responders should pay attention to self-protection and use the recommended protective clothing.

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

<b>Symptoms:</b>	See Section 11 for more detailed information on health effects and symptoms.
<b>Effects:</b>	See Section 11 for more detailed information on health effects and symptoms.

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

<b>Treatment:</b>	Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.
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**Section 5: Fire-fighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media:</b>	High volume water jet.

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

<b>Specific hazards during fire-fighting:</b>	Incomplete combustion may form toxic pyrolysis products.
<b>Hazardous combustion products:</b>	Carbon monoxide, Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> )

**5.3. Advice for fire-fighters**

<b>Special protective equipment for fire-fighters:</b>	In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
<b>Further advice:</b>	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Use personal protective equipment. Keep away unprotected persons. Ensure adequate ventilation. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

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

**Methods and materials for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal. Use mechanical handling equipment.

**Further information:** Treat recovered material as described in the section "Disposal considerations".

#### 6.4. Reference to other sections

**Reference to other sections:** See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Advice on safe handling:** Keep container tightly closed. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

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

**Requirements for storage areas and containers:** Store in original container.

**Advice on protection against fire and explosion:** Normal measure for preventive fire protection.

**Further information on storage conditions:** Keep tightly closed in a dry and cool place. Keep in a well ventilated place.

**Advice on common Storage:** Keep away from food, drink and animal feeding stuffs.

**Storage temperature:** 10 - 50°C

#### 7.3. Specific end use(s)

**Specific end use(s):** No information available.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Other occupational exposure limit values:**

Contains no substances with occupational exposure limit values.

**Component:**

**1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts**

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)**

**DNEL**

Workers, long-term - systemic effects, skin contact: 12.5mg/kg bw/day

**DNEL**

Workers, long-term - systemic effects, inhalation: 44mg/m<sup>3</sup>

**DNEL**

Consumers, long-term - systemic effects, skin contact: 7.5mg/kg bw/day

**DNEL**

Consumers, long-term - systemic effects, ingestion: 7.5mg/kg bw/day

**Predicted No Effect Concentration (PNEC)**

Fresh water: 0.0135mg/l

Marine water: 0.00135mg/l

Sewage Treatment Plant (STP): 3,000mg/l

**Component:**

**Sodium Chloride  
CAS-No.: 7647-14-5**

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)**

**DNEL**

Workers, acute - systemic effects, inhalation: 2,068.62mg/m<sup>3</sup>

**DNEL**

Workers, acute - systemic effects, skin contact: 295.52mg/kg bw/day

**DNEL**

Workers, long-term - systemic effects, inhalation: 2,068.62mg/m<sup>3</sup>

**DNEL**

Workers, long-term - systemic effects, skin contact: 295.52mg/kg bw/day

**DNEL**

General population, acute - systemic effects, inhalation: 443.28mg/m<sup>3</sup>

**DNEL**

General population, acute - systemic effects, ingestion: 126.65mg/kg bw/day

**DNEL**

General population, long-term - systemic effects, inhalation: 443.28mg/m<sup>3</sup>

**DNEL**

General population, long-term - systemic effects, skin contact: 126.65mg/kg bw/day

**DNEL**

General population, long-term - systemic effects, ingestion: 126.65mg/kg bw/day

**Predicted No Effect Concentration (PNEC)**

Fresh water: 5mg/l

Intermittent releases: 19mg/l

Sewage Treatment Plant (STP): 500mg/l

Soil: 4.86mg/kg

**8.2. Exposure controls**

**Engineering measures:**

Refer to protective measures listed in Sections 7 and 8.

<b>Respiratory protection:</b>	Required, if exposure limit is exceeded (e.g. OEL). Respiratory protection complying with EN141.
<b>Hand protection:</b>	Protective gloves complying with EN374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear.
<b>Eye protection:</b>	Safety goggles.
<b>Skin protection:</b>	Wear personal protective equipment.
<b>Environmental:</b>	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

## Section 9: Physical and chemical properties

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

<b>Form:</b>	Liquid
<b>Colour:</b>	Colourless to yellow.
<b>Odour:</b>	No data available.
<b>Odour threshold:</b>	No data available.
<b>Freezing point/range:</b>	< 0°C
<b>Boiling point/boiling range:</b>	> 100°C
<b>Flammability:</b>	No data available.
<b>Upper explosion limit/upper flammability limit:</b>	No data available.
<b>Lower explosion limit/lower flammability limit:</b>	No data available.
<b>Flashpoint:</b>	> 93°C
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Self-Accelerating decomposition temperature (SADT):</b>	No data available.
<b>pH:</b>	4.5 - 6.5 (25°C) Concentration: 10g/l
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Water solubility:</b>	No data available.
<b>Solubility in other solvents:</b>	No data available.
<b>Dissolution rate:</b>	No data available.
<b>Partition coefficient: n-octanol/water:</b>	No data available.
<b>Dispersion stability:</b>	No data available.
<b>Vapour pressure:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Density:</b>	1.04g/cm <sup>3</sup>
<b>Bulk density:</b>	No data available.

**Relative vapour density:** No data available.

**Particle characteristics:** No data available.

## 9.2. Other information

**Oxidizing properties:** Not oxidising

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No decomposition if stored and applied as directed.

### 10.2. Chemical stability

**Chemical stability:** Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat, flames and sparks.

### 10.5. Incompatible materials

**Materials to avoid:** Strong acids, Strong oxidizing agents.

### 10.6. Hazardous decomposition product

**Haz. decomp. products:** Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

## Section 11: Toxicological information

### 11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

**Data for the product:****Acute toxicity**Oral

No data available.

Inhalation

No data available.

Dermal

No data available.

**Irritation**Skin

No data available.

Eyes

Causes serious eye damage.

**Sensitisation**

No data available.

**CMR effects**CMR properties

Carcinogenicity: No data available.

Mutagenicity: No data available.

Reproductive toxicity: No data available.

**Specific Target Organ Toxicity**Single exposure

No data available.

Repeated exposure

No data available.

**Other toxic properties**Repeated dose toxicity

No data available.

Aspiration hazard

No data available.

**Component:****1-Propanaminium, 3-amino-N-  
(carboxymethyl)-N,  
N-dimethyl-,  
N-C8-18 (even numbered) acyl  
derivs., hydroxides,  
inner salts****Acute toxicity**Oral

LD50: &gt; 8000mg/kg (Rat, male and female) (OECD Test Guideline 401). Information given is based on data obtained from similar substances.

Inhalation

No data available.

Dermal

No data available.

**Irritation**Skin

No data available.

Eyes

Irreversible damage (Rabbit) (OECD Test Guideline 405). Information given is based on data obtained from similar substances.

**Sensitisation**

Not sensitizing (Maximisation Test; Guinea pig) (OECD Test Guideline 406). Information given is based on data obtained from similar substances.

**CMR effects**CMR properties



Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Genotoxicity in vitro

Negative (Ames test; Salmonella typhimurium; with and without metabolic activation) negative (In vitro gene mutation study in mammalian cells; Mouse Lymphoma Cells; with and without metabolic activation) (OECD Test Guideline 476)

**Specific Target Organ Toxicity**

Single exposure

No data available.

Repeated exposure

No data available.

**Other toxic properties**

Repeated dose toxicity

NOEL: 300mg/kg (Rat, male and female) (Oral; 90d) (OECD Test Guideline 408)

Aspiration hazard

No aspiration toxicity classification.

**Component: Sodium Chloride**  
**CAS-No. 7647-14-5**

**Acute toxicity**

Oral

LD50: 3,000mg/kg (Rat)

Inhalation

LC50: > 42mg/l (Rat, male; 1h; dust/mist)

Dermal

LD50: > 10,000mg/kg (Rabbit)

**Irritation**

Skin

No skin irritation (Rabbit)

Eyes

Mild eye irritation (Rabbit), particle may cause mechanical irritation.

**Sensitisation**

(Mouse) Not applicable.

**CMR effects**

CMR properties

Carcinogenicity: Animal testing did not show any carcinogenic effects.

Mutagenicity: In vitro tests did not show mutagenic effects. In vivo tests did not show mutagenic effects.

Teratogenicity: Causes developmental effects in animals at high doses.

Reproductive toxicity: No data available.

**Specific Target Organ Toxicity**

Single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Other toxic properties**

Aspiration hazard

Not applicable.

**11.2. Information on other hazards**

**Data for the product:****Endocrine disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Component:**

**1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts**

**Endocrine disrupting properties**

No information available about endocrine disruption properties for human health.

**Component: Sodium Chloride  
CAS-No. 7647-14-5**

**Endocrine disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Section 12: Ecological information****12.1. Toxicity****Component:**

**1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts**

**Acute toxicity****Fish**

LC50: 1.11mg/l (Calamus penna (Sheepshead porgy); 96h) (semi-static test; OECD Test Guideline 203). Information given is based on data obtained from similar substances.

**Toxicity to daphnia and other aquatic invertebrates**

EC50: 6.5mg/l (Daphnia (water flea); 48h) (static test; OECD Test Guideline 202).

**Algae**

EC50: 1.5mg/l (Desmodesmus subspicatus (green algae); 72h) (DIN 38412). Information given is based on data obtained from similar substances.

**Bacteria**

EC0: > 3,000mg/l (Bacteria) (calculated)

**Chronic toxicity****Aquatic invertebrates****NOEC**

0.32mg/l (Daphnia magna (water flea); 21d) (OECD Test Guideline 211). Information given is based on data obtained from similar substances.

**LOEC**

0.56mg/l (Daphnia magna (water flea); 21d) (OECD Test Guideline 211). Information given is based on data obtained from similar substances.

**Component: Sodium Chloride  
CAS-No. 7647-14-5**

**Acute toxicity****Fish**

LC50: 7,341mg/l (Carassius auratus (goldfish); 96h) (semi-static test)

**Toxicity to daphnia and other aquatic invertebrates**

LC50: 1,580mg/l (Daphnia magna (water flea); 24h)

**Algae**

EC50: 2,430mg/l (Nitzschia linearis; 120h) (growth inhibition; OECD Test Guideline 201)

**Bacteria**

EC10: ≤ 35,000mg/l (activated sludge)

## 12.2. Persistence and degradability

<p><b>Component:</b> 1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</p>	<p><b><u>Persistence and degradability</u></b> <b>Persistence</b> No data available.</p> <p><b><u>Biodegradability</u></b> 92% (aerobic; exposure time: 28d) (OECD Test Guideline 301B) readily biodegradable. 80 - 90 % (anaerobic; exposure time: 60d) (OECD Test Guideline 311).</p>
<p><b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b></p>	<p><b><u>Persistence and degradability</u></b> <b>Persistence</b> Decomposition by hydrolysis.</p> <p><b><u>Biodegradability</u></b> The methods for determining the biological degradability are not applicable to inorganic substances.</p>

## 12.3. Bioaccumulative potential

<p><b>Component:</b> 1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</p>	<p><b><u>Bioaccumulation</u></b> No data available.</p>
<p><b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b></p>	<p><b><u>Bioaccumulation</u></b> Study scientifically unjustified.</p>

## 12.4. Mobility in soil

<p><b>Component:</b> 1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</p>	<p><b><u>Mobility</u></b> No data available.</p>
<p><b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b></p>	<p><b><u>Mobility</u></b> Study scientifically unjustified.</p>

## 12.5. Results of PBT and vPvB assessment

<p><b>Data for the product:</b></p>	<p><b><u>Results of PBT and vPvB assessment</u></b> This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p>
<p><b>Component:</b> 1-Propanaminium, 3-amino-N-(carboxymethyl)-N, N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</p>	<p><b><u>Results of PBT and vPvB assessment</u></b> No data available.</p>
<p><b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b></p>	<p><b><u>Results of PBT and vPvB assessment</u></b> The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.</p>

**12.6. Endocrine disrupting properties**

<b>Data for the product:</b>	<b><u>Endocrine disrupting potential</u></b> The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<b>Component:</b> <b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</b>	<b><u>Endocrine disrupting potential</u></b> No information available about endocrine disruption properties for environment.
<b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b>	<b><u>Endocrine disrupting potential</u></b> The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7. Other adverse effects**

<b>Data for the product:</b>	<b><u>Additional ecological information</u></b> Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
<b>Component:</b> <b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts</b>	<b><u>Chemical Oxygen Demand (COD)</u></b> 1,000,000mg/g (DIN 38409)  <b><u>Additional ecological information</u></b> Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
<b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b>	<b><u>Additional ecological information</u></b> Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

**Section 13: Disposal considerations****13.1. Waste treatment methods**

<b>Product:</b>	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.
<b>Contaminated packaging:</b>	Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
<b>European Waste Catalogue Number:</b>	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

**Section 14: Transport information**

<b>Transport information:</b>	Not dangerous goods for ADR, RID, IMDG and IATA.
<b>UN number or ID number:</b>	Not applicable.

<b>UN proper shipping name:</b>	Not applicable.
<b>Transport hazard class(es):</b>	Not applicable.
<b>Packaging group:</b>	Not applicable.
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user:</b>	Not applicable.
<b>Maritime transport in bulk according to IMO instruments:</b>	Not applicable for product as supplied.

## Section 15: Regulatory information

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

<b>Component:</b> 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts	<b><u>EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I</u></b> The substance/mixture does not fall under this legislation.
<b>Component: Sodium Chloride</b> <b>CAS-No. 7647-14-5</b>	<b><u>EU. Regulation EC No. 689/2008</u></b> The substance/mixture does not fall under this legislation.  <b><u>EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC)</u></b> The substance/mixture does not fall under this legislation.  <b><u>EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I</u></b> The substance/mixture does not fall under this legislation.  <b><u>Germany. Ordinance on Facilities Handling Substances that are Hazardous to Water, ((AwSV of 21 April 2017), UBA, BAnz AT), as amended</u></b> WGK 1: slightly hazardous to water: 270

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No data available.

## Section 16: Other information

### 16.1. Other information

<b>Full text of H-Statements referred to under Sections 2 and 3:</b>	H318; Causes serious eye damage. H412; Harmful to aquatic life with long lasting effects.
<b>Other information:</b>	* Indicates text in the SDS which has changed since the last revision.
<b>Legal disclaimer:</b>	This information is provided for documentation purposes only.  The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.  Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the

hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.