

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Aquo Biosorb

**Product no.**

-

**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**

Odour remover

**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**

**Blue & Green AB**

**Stenorsvägen 52**

**261 44 Landskrona**

**Sweden**

**Tfn: +46 418 399000**

**Fax: +46 418 13199**

**www.blueandgreen.se**

**E-mail**

**info@blueandgreen.se**

**SDS date**

2020-11-20

**SDS Version**

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

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable

**Signal word**

-

**Hazard statement(s)**

Not applicable

**Precautionary statements**

General -

Prevention -

Response -

Storage -

Disposal -

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

Not applicable

**Additional labelling**

According to EC-Regulation 2015/830

Contains 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one . May produce an allergic reaction. (EUH208).

Safety data sheet available on request. (EUH210)

**Unique formula identifier (UFI)**

MSW4-SVCV-T00A-1MTP

**2.3. Other hazards**

Not applicable

**Additional warnings**

Not applicable

**VOC (volatile organic compound)**

Not applicable

**SECTION 3: Composition/information on ingredients**

**3.1/3.2. Substances/Mixtures**

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:	2.5 - <5%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2 H315, H319
NAME:	Alcohols, C12-16, ethoxylated
IDENTIFICATION NOS.:	CAS-no: 68551-12-2 EC-no: 500-221-7
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1 H315, H318, H400 (M-acute = 1)
NAME:	1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one
IDENTIFICATION NOS.:	CAS-no: 2634-33-5 EC-no: 220-120-9 REACH-no: 01-2120761540-60 Index-no: 613-088-00-6
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 H302, H315, H317, H318, H400 (M-acute = 1)

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

**Other information**

ATEmix(oral) > 2000  
 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.256 - 0.384  
 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.256 - 0.384  
 N acute (CAT 1) Sum = Sum(Ci/M(acute)<sup>i</sup>\*25) = 0.01024 - 0.01536

Detergent:  
 < 5%: 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. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (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**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water.

**Eye contact**

Flush eyes with plenty of water (20-30°C) and continue until irritation stops.

**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**

According to EC-Regulation 2015/830

Not applicable

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

This product contains substances that may trigger an allergic reaction to predisposed persons.

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

Nothing special

**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.

**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.

**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**

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.

**Storage temperature**

Room temperature 18 to 23°C

**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**

DNEL (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 12,5mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 7,5mg/kg

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 7,5mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 0,0135mg/l

Exposure: Freshwater

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 0,00135mg/l

Exposure: Marine water

According to EC-Regulation 2015/830

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 1mg/kg  
Exposure: Freshwater sediment

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 0,1mg/kg  
Exposure: Marine water sediment

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 0,8mg/kg  
Exposure: Soil

PNEC (1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...): 3000mg/l  
Exposure: Sewage Treatment Plant

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

### General recommendations

Smoking, eating and drinking are not allowed in the work premises

### Exposure scenarios

There is no appendix to this safety data sheet.

### 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

No specific requirements.

### Hand protection

Wear protective gloves. The specific work situation is unknown. Contact the suppliers of the gloves for further advice regarding the appropriate glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

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

Form	Liquid
Colour	Colourless
Odour	None
Odour threshold (ppm)	No data available.
pH	7
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	No data available.
<b>Phase changes</b>	
Melting point (°C)	No data available.
Boiling point (°C)	~100
Vapour pressure	No data available.

According to EC-Regulation 2015/830

Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Soluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	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

Nothing 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

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >2000 mg/kg engångsdos

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one

Species: Rat

Test: LD50

Route of exposure: Dermal

Result: >2000 mg/kg

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 1020 mg/kg

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 597 mg/kg

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one

Species: Mouse

Test: LD50

Route of exposure: Oral

Result: 1150 mg/kg

Substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...

Species: Rat

Test: LD50

Route of exposure: Oral

According to EC-Regulation 2015/830

Result: >2300mg/kg  
**Skin corrosion/irritation**  
 No data available.  
**Serious eye damage/irritation**  
 No data available.  
**Respiratory or skin sensitisation**  
 This product contains substances that may trigger an allergic reaction to predisposed persons.  
**Germ cell mutagenicity**  
 No data available.  
**Carcinogenicity**  
 No data available.  
**Reproductive toxicity**  
 No data available.  
**STOT-single exposure**  
 No data available.  
**STOT-repeated exposure**  
 No data available.  
**Aspiration hazard**  
 No data available.  
**Long term effects**  
 Nothing special

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one  
 Species: Daphnia  
 Test: EC50  
 Duration: 48 h  
 Result: 2.44 mg/l

Substance: 1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one  
 Species: Fish  
 Test: LC50  
 Duration: 96 h  
 Result: 0.74 mg/l

Substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: 1,3-2mg/l

Substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: 1,3-2mg/l

Substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Species: Algae  
 Test: LC50  
 Duration: 72h  
 Result: 1,3-2mg/l

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
1,2-benzisothiazol-3(2H)-one ...	Yes	No data available	No data available
1-Propanaminium, 3-amino-N-(ca...	Yes	DOC Die-Away Test	86-100

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
1,2-benzisothiazol-3(2H)-one ...	No	No data available	No data available
1-Propanaminium, 3-amino-N-(ca...	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

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

## SECTION 13: Disposal considerations

According to EC-Regulation 2015/830

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Waste

EWC code

-

#### Specific labelling

Not applicable

#### Contaminated packing

No specific requirements.

## 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

#### Seveso

-

#### Biocidal reg. no.

Not applicable

#### 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).

According to EC-Regulation 2015/830

Regulation (EC) 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

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

- H302 - Harmful if swallowed.
- 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.

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

-

**Additional label elements**

Not applicable

**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, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

David Löwenstein

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

-

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

-