

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Foam

**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**

Foam

**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**

2020-11-30

**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

Eye Dam. 1; H318

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

Causes serious eye damage. (H318)

**Precautionary statements**

**General**

If medical advice is needed, have product container or label at hand. (P101).  
Keep out of reach of children. (P102).

According to EC-Regulation 2015/830

<b>Prevention</b>	Wear eye protection. (P280).
<b>Response</b>	Immediately call a POISON CENTER/doctor. (P310). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
<b>Storage</b>	-
<b>Disposal</b>	-

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

1-Heptanol, 2-propyl-, 8EO; Alcohols C9-11 branched and linear ethoxylated

**Additional labelling**

Not applicable

**Unique formula identifier (UFI)**

Q83U-G3QW-F109-1592

**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-Heptanol, 2-propyl-, 8EO  
IDENTIFICATION NOS.: CAS-no: 160875-66-1  
CONTENT: 15 - <25%  
CLP CLASSIFICATION: Acute Tox. 4, Eye Dam. 1  
H302, H318

NAME: Alcohols C9-11 branched and linear ethoxylated  
IDENTIFICATION NOS.: CAS-no: 68439-46-3 EC-no: 500-446-0 REACH-no: 01-2119980051-45  
CONTENT: 5 - <10%  
CLP CLASSIFICATION: Eye Dam. 1  
H318

(\*) 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. 1 Sum = Sum(Ci/S(G)CLi) = 5.6 - 8.4

Detergent:  
15 - 30%: NON-IONIC SURFACTANTS  
5 - 15%: 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**

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

**Ingestion**

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical

According to EC-Regulation 2015/830

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**

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 exposed or concerned: Get immediate 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.

**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**

Avoid direct contact with spilled substances.

**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**

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. Avoid direct contact with the product.

**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**

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**

No data available

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

**General recommendations**

Observe general occupational hygiene standards.

**Exposure scenarios**

There is no appendix to this safety data sheet.

According to EC-Regulation 2015/830

#### 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

Keep containment materials near the workplace. If possible, collect spillage during work.

#### 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

Wear safety glasses with side shields.

### SECTION 9: Physical and chemical properties

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

Form	Liquid
Colour	Colourless
Odour	Mild
Odour threshold (ppm)	No data available.
pH	9
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	No data available.

#### 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)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

#### Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

#### 9.2. Other information

Solubility in fat (g/L)	No data available.
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### SECTION 10: Stability and reactivity

According to EC-Regulation 2015/830

#### 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: Alcohols C9-11 branched and linear ethoxylated

Species: Rabbit

Test: LD50

Route of exposure: Dermal

Result: >2000mg/kg

Substance: Alcohols C9-11 branched and linear ethoxylated

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >5000mg/kg

Substance: 1-Heptanol, 2-propyl-, 8EO

Species: Rat

Test: LD50

Route of exposure: Oral

Result: >300-2000 mg/kg

##### Skin corrosion/irritation

No data available.

##### Serious eye damage/irritation

Causes serious eye damage.

##### Respiratory or skin sensitisation

No data available.

##### 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

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: Alcohols C9-11 branched and linear ethoxylated

Species: Daphnia

Test: EC50

Duration: 48h

Result: 1-10mg/l

Substance: Alcohols C9-11 branched and linear ethoxylated

Species: Fish

Test: LC50

Duration: 96h

Result: 1-10mg/l

According to EC-Regulation 2015/830

Substance: Alcohols C9-11 branched and linear ethoxylated  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: 1-10mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Daphnia  
 Test: EC50  
 Duration: 48h  
 Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Fish  
 Test: NOEC  
 Duration:  
 Result: >1 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Fish  
 Test: LC50  
 Duration: 96h  
 Result: 10-100 mg/l

Substance: 1-Heptanol, 2-propyl- , 8EO  
 Species: Algae  
 Test: EC50  
 Duration: 72h  
 Result: 10-100 mg/l

**12.2. Persistence and degradability**

<b>Substance</b> 1-Heptanol, 2-propyl- , 8EO	<b>Biodegradability</b> Yes	<b>Test</b> Closed Bottle Test	<b>Result</b> >60%
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**12.3. Bioaccumulative potential**

<b>Substance</b> 1-Heptanol, 2-propyl- , 8EO	<b>Potential bioaccumulation</b> No	<b>LogPow</b> No data available	<b>BCF</b> No data available
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**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 covered by the regulations on hazardous waste.

**Waste**

EWC code

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**Specific labelling**

Not applicable

**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**

According to EC-Regulation 2015/830

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 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**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

**Demands for specific education**

-

**Additional information**

Not applicable

**Seveso**

-

**Biocidal reg. no.**

Not applicable

**Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

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).

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.

H318 - Causes serious eye damage.

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

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**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)

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this

According to EC-Regulation 2015/830

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)**

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

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