

# SAFETY DATA SHEET

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

### 1.1. Product identifier

#### Trade name

A3 Alkaline Snow Foam

#### Product no.

1078

#### Unique formula identifier (UFI)

AAUF-J60C-M1FR-AV80

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

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

Car shampoo

#### Uses advised against

No special

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

#### Company and address

##### Pureest AB

Tegelvägen 2

443 61 Stenkullen

Sweden

031-12 92 94

#### E-mail

info@pureest.se

#### Revision

8/9/2022

#### SDS Version

1.0

### 1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)

In less severe situations: Call 010-456 6700 (24h service)

See also section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Hazard pictogram(s)



#### Signal word

Danger

#### Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

Harmful to aquatic life with long lasting effects. (H412)

#### Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

**Prevention**

Wear eye protection/protective gloves. (P280)

**Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

**Storage**

-

**Disposal**

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

**Hazardous substances**

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

1-Heptanol, 2-propyl-, 8EO

2-aminoethanol

**2.3. Other hazards**

**Additional labelling**

EUH208, Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one. May produce an allergic reaction.

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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

**3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44 Index No.: 603-096-00-8	3-5%	Eye Irrit. 2, H319	[1], [3]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16 Index No.:	3-5%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	
Potassium carbonate	CAS No.: 584-08-7 EC No.: 209-529-3 REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
Sodium p-cumenesulphonate	CAS No.: 15763-76-5 EC No.: 239-854-6 REACH: 01-2119489411-37 Index No.:	1-3%	Eye Irrit. 2, H319	

1-Heptanol, 2-propyl-, 8EO	CAS No.: 160875-66-1 EC No.: REACH: Index No.:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318	
2-aminoethanol	CAS No.: 141-43-5 EC No.: 205-483-3 REACH: Index No.: 603-030-00-8	1-3%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Chronic 3, H412	[1]
1-(1,2,3,4,5,6,7,8- octahydro-2,3,8,8- tetramethyl-2- naphthyl)ethan-1-one	CAS No.: 54464-57-2 EC No.: 259-174-3 REACH: 01-2119489989-04 Index No.:	<1%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 (M=1)	
-----				
See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.				
<b>Other information</b>				
[1] European occupational exposure limit				
[3] The chemical substance is subject to REACH restrictions, REACH annex XVII.				
<b>Labelling of contents according to Detergents Regulation (EC) No 648/2004</b>				
5% - 15%				
· Anionic surfactants				
< 5%				
· Non-ionic surfactants				
· Perfumes				

## 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 persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

IF ON SKIN: Wash with plenty of water/water and soap.  
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap.  
If skin irritation occurs: Get medical advice/attention.

#### Eye contact

Upon irritation of the eye: 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 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**

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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**

IF exposed or concerned:

Get immediate medical advice/attention.

#### **Information to medics**

Bring this safety data sheet or the label from this product.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Not applicable

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides.

Nitrogen oxides (NO<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>).

Some metal oxides.

#### **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**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, 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 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### **Recommended storage material**

Always store in containers of the same material as the original container.

**Storage temperature**

Room temperature 18 to 23°C

**Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**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**

—  
2-(2-butoxyethoxy)ethanol  
Short term exposure limit (15 minutes) (ppm): 15  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 101  
Long term exposure limit (8 hours) (ppm): 10  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 68

—  
2-aminoethanol  
Short term exposure limit (15 minutes) (ppm): 3  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 7,5  
Long term exposure limit (8 hours) (ppm): 1  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 2,5  
Annotations:  
H = The substance is easily absorbed through the skin

Occupational exposure limits (AFS 2018: 1)

**DNEL**

2-(2-butoxyethoxy)ethanol

Duration	Route of exposure	DNEL
Long term – Local effects - Workers	Inhalation	67.5 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	101.2 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	6,25 mg/kg bw/day

2-aminoethanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	0.24 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	1 mg/kg bw/day
Long term – Local effects - General population	Inhalation	2 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	3.3 mg/m <sup>3</sup>
Long term – Systemic effects - General	Inhalation	2 mg/m <sup>3</sup>

population		
Long term – Systemic effects - Workers	Inhalation	3.3 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	3.75 mg/kg bw/day
Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	1650 mg/kg
Long term – Systemic effects - Workers	Dermal	2750 mg/kg
Long term – Systemic effects - General population	Inhalation	52 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	175 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	15 mg/kg
Potassium carbonate		
Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	8 mg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	16 mg/cm <sup>2</sup>
Long term – Local effects - General population	Inhalation	10 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	10.0 mg/m <sup>3</sup>
Sodium p-cumenesulphonate		
Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	0.048 mg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	0.096 mg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	68.1 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	136.25 mg/kg bw/day

Long term – Systemic effects - General population	Inhalation	6.6 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	26.9 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	3.8 mg/kg bw/day

**PNEC**

2-(2-butoxyethoxy)ethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater		1.1 mg/L
Freshwater sediment		4.4 mg/kg dw
Intermittent release		11 mg/L
Marine water		0.11 mg/L
Marine water sediment		0.44 mg/kg dw
Soil		0.32 mg/kg dw

2-aminoethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater		0.085 mg/L
Freshwater sediment		0.434 mg/kg
Intermittent release		0.028 mg/L
Marine water		0.0085 mg/L
Marine water sediment		0.0434 mg/kg
Sewage treatment plant		100 mg/L
Soil		1.29 mg/kg

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure	Duration of Exposure	PNEC
Freshwater		0.24 mg/L
Freshwater sediment		0.917 mg/kg
Intermittent release		0.071 mg/L
Marine water		0.024 mg/L
Marine water sediment		0.092 mg/kg
Sewage treatment plant		10000 mg/L
Soil		7.5 mg/kg

Sodium p-cumenesulphonate

Route of exposure	Duration of Exposure	PNEC
Freshwater		0,23 mg/L
Freshwater sediment		0.862 mg/kg dw
Intermittent release		2.3 mg/L
Intermittent release		2.3 mg/L
Marine water		0.023 mg/L
Marine water sediment		0.0862 mg/kg dw
Sewage treatment plant		100 mg/L
Soil		0.037 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

Take off contaminated clothing and wash it before reuse.

### 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

Recommended	Type/Category	Standards
Dedicated work clothing should be worn	-	-



### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	-	-	EN374-2



### Eye protection



Type	Standards
Safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Purple

#### Odour / Odour threshold

Perfume

#### pH

11.0

#### Density (g/cm<sup>3</sup>)

1.07

#### Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

#### Particle characteristics

Does not apply to liquids.

#### Phase changes

##### Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

##### Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

##### Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

##### Vapour pressure

Testing not relevant or not possible due to nature of the product.

##### Relative vapour density

Testing not relevant or not possible due to nature of the product.

##### Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

#### Data on fire and explosion hazards

##### Flash point (°C)

Testing not relevant or not possible due to nature of the product.

##### Ignition (°C)

Testing not relevant or not possible due to nature of the product.

##### Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

##### Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

#### Solubility

##### Solubility in water

Completely soluble

##### n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

##### Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

### 9.2. Other information

#### Other physical and chemical parameters

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 section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

No 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 hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	2764 mg/kg
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>29 ppm
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	2410 mg/kg
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Rat

Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg
Other information	
<hr/>	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	
<hr/>	
Product/substance	Potassium carbonate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg
Other information	
<hr/>	
Product/substance	Potassium carbonate
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50 (dust)
Result	>4.96 mg/L
Other information	
<hr/>	
Product/substance	Potassium carbonate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	
<hr/>	
Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg ·
Other information	
<hr/>	
Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>5 mg/l. 232min ·
Other information	

Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>300-2000 mg/kg
Other information	
Product/substance	2-aminoethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1089 mg/kg
Other information	
Product/substance	2-aminoethanol
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	2504 mg/kg
Other information	
Product/substance	2-aminoethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	1478 mg/m <sup>3</sup>
Other information	
<b>Skin corrosion/irritation</b>	
Product/substance	2-(2-butoxyethoxy)ethanol
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	
Product/substance	Sodium p-cumenesulphonate
Test method	OECD 404
Species	Rabbit

Duration  
Result Adverse effect observed (Slightly irritating)  
Other information

Causes skin irritation.

#### **Serious eye damage/irritation**

Product/substance 2-(2-butoxyethoxy)ethanol  
Test method OECD 404  
Species Rabbit  
Duration  
Result Adverse effect observed (Irritating)  
Other information

Product/substance Sodium p-cumenesulphonate  
Test method OECD 405  
Species Rabbit  
Duration  
Result Adverse effect observed (Moderately irritating)  
Other information

Causes serious eye damage.

#### **Respiratory sensitisation**

Based on available data, the classification criteria are not met.

#### **Skin sensitisation**

Product/substance 2-(2-butoxyethoxy)ethanol  
Test method OECD 406  
Species Guinea pig  
Result No adverse effect observed (not sensitising)  
Other information

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **11.2. Information on other hazards**

#### **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.

#### **Endocrine disrupting properties**

No special

#### **Other information**

No special

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Fish, <i>Leuciscus idus</i>
Compartment	
Duration	96 hours
Test	LC50
Result	>100 mg/L
Other information	
Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	
Duration	96 hours
Test	EC50
Result	>100 mg/L
Other information	
Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	>100 mg/L
Other information	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Fish, <i>Leuciscus idus</i>
Compartment	
Duration	96 hours
Test	LC50
Result	10-100 mg/L
Other information	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	10-100 mg/L
Other information	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	
Duration	72 hours
Test	EC50
Result	>100 mg/L

Other information	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Daphnia, Daphnia magna
Compartment	
Duration	
Test	NOEC
Result	0,1-1 mg/L
Other information	
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Species	Fish, Leuciscus idus
Compartment	
Duration	
Test	NOEC
Result	1-10 mg/L
Other information	
Product/substance	Potassium carbonate
Test method	
Species	Fish, Oncorhynchus mykiss
Compartment	
Duration	96 hours
Test	LC50
Result	68 mg/L
Other information	
Product/substance	Potassium carbonate
Test method	
Species	Fish, Oncorhynchus mykiss
Compartment	
Duration	96 hours
Test	NOEC
Result	33 mg/L
Other information	
Product/substance	Potassium carbonate
Test method	
Species	Daphnia, Daphnia pulex
Compartment	
Duration	48 hours
Test	EC50
Result	200 mg/L
Other information	
Product/substance	Potassium carbonate
Test method	
Species	Daphnia, Daphnia pulex
Compartment	
Duration	48 hours

Test	NOEC
Result	120 mg/L
Other information	
Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	>100 mg/l ·
Other information	
Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	>100 mg/l ·
Other information	
Product/substance	Sodium p-cumenesulphonate
Test method	
Species	Algae
Compartment	
Duration	96 hours
Test	EC50
Result	>100 mg/l ·
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Fish, Oncorhynchus mykiss
Compartment	
Duration	96 hours
Test	LC50
Result	10-100 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Daphnia, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	10-100 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 8EO
Test method	
Species	Algae, Scenedesmus subspicatus



Compartment  
 Duration 72 hours  
 Test EC50  
 Result 10-100 mg/L  
 Other information

Product/substance 2-aminoethanol  
 Test method  
 Species Fish  
 Compartment  
 Duration 96 hours  
 Test LC50  
 Result >100 mg/L  
 Other information

Product/substance 2-aminoethanol  
 Test method  
 Species Daphnia, Daphnia magna  
 Compartment  
 Duration 48 hours  
 Test EC50  
 Result 65 mg/L  
 Other information

Product/substance 2-aminoethanol  
 Test method  
 Species Algae, Pseudokirchneriella subcapitata  
 Compartment  
 Duration 72 hours  
 Test EC50  
 Result 2.8 mg/L  
 Other information

Product/substance 2-aminoethanol  
 Test method  
 Species Daphnia, Daphnia magna  
 Compartment  
 Duration 21 days  
 Test NOEC  
 Result 0.85 mg/L  
 Other information

## 12.2. Persistence and degradability

Product/substance 2-(2-butoxyethoxy)ethanol  
 Biodegradable Yes  
 Test method OECD 301 E  
 Result 100%

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
 Biodegradable Yes  
 Test method

Result

Product/substance	Sodium p-cumenesulphonate
Biodegradable	Yes
Test method	OECD 301 B
Result	>60%

Product/substance	1-Heptanol, 2-propyl- , 8EO
Biodegradable	Yes
Test method	OECD 301 D
Result	

Product/substance	2-aminoethanol
Biodegradable	Yes
Test method	
Result	

**12.3. Bioaccumulative potential**

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Potential bioaccumulation	No
LogPow	1.0000
BCF	No data available
Other information	

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	Potassium carbonate
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	Sodium p-cumenesulphonate
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	1-Heptanol, 2-propyl- , 8EO
Test method	

Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	
Product/substance	2-aminoethanol
Test method	
Potential bioaccumulation	No
LogPow	-1.9100
BCF	No data available
Other information	
<b>12.4. Mobility in soil</b>	
No data available	
<b>12.5. Results of PBT and vPvB assessment</b>	
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.	
<b>12.6. Endocrine disrupting properties</b>	
No special	
<b>12.7. Other adverse effects</b>	
This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.	
This product contains substances, which may cause adverse long-term effects to the aquatic environment.	

<b>SECTION 13: Disposal considerations</b>	
<b>13.1. Waste treatment methods</b>	
Product is covered by the regulations on hazardous waste.	
HP 14 – Ecotoxic	
Dispose of contents/container to an approved waste disposal plant.	
Regulation (EU) No 1357/2014 of 18 December 2014 on waste.	
<b>EWC code</b>	
07 06 04* Other organic solvents, washing liquids and mother liquors	
<b>Specific labelling</b>	
Not applicable	
<b>Contaminated packing</b>	
Packaging containing residues of the product must be disposed of similarly to the product.	

<b>SECTION 14: Transport information</b>						
	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-
* Packing group						
** Environmental hazards						
<b>Additional information</b>						
Not dangerous goods according to ADR, IATA and IMDG.						
<b>14.6. Special precautions for user</b>						
Not applicable						
<b>14.7. Maritime transport in bulk according to IMO instruments</b>						

No data available

## SECTION 15: Regulatory information

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

#### Restrictions for application

No special

#### Demands for specific education

No specific requirements

#### SEVESO - Categories / dangerous substances

Not applicable

#### REACH, Annex XVII

2-(2-butoxyethoxy)ethanol is subject to REACH restrictions, REACH annex XVII (entry 55).

#### Additional information

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.

#### Sources

The Swedish Work Environment Authority's regulations and general guidelines (AFS 2007:5) on pregnant and breastfeeding workers with later amendments, latest AFS 2018:7.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Waste regulation (2020:614)

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 (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (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.

H312, Harmful in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H335, May cause respiratory irritation.

H410, Very toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

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

#### **The safety data sheet is validated by**

ÅM

#### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

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.

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.

Country-language: SE-en