

# FELEMA - FOAMCLEAN E

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date of issue: 22-01-20 Revision date: 22-01-20 Supersedes: 12-11-15 Version: 1.2

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : FELEMA - FOAMCLEAN E  
Type of product : Detergent

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use

##### 1.2.2. Uses advised against

No additional information available

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

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CH 8712 Stäfa, Schweiz  
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#### 1.4. Emergency telephone number

Notrufnummer (normale Geschäftszeiten): International: 0041 55 254 00 54 Schweiz: 055 254 00 54

Country	Organisation/Company	Address	Emergency number	Comment
Switzerland	Tox Info Suisse	Freiestrasse 16 8032 Zürich	145	(from abroad: +41 44 251 51 51) Information: +41 44 251 66 66

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : Alkyl polyglucoside C10-16  
Hazard statements (CLP) : H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling.  
P280 - Wear protective gloves, eye protection, face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER, a doctor.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
EUH-statements : EUH208 - Contains subtilisin. May produce an allergic reaction.

#### 2.3. Other hazards

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-methoxymethylethoxypropanol substance with a Community workplace exposure limit	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60	5 - 15	Not classified
Alkyl polyglucoside C10-16	(CAS-No.) 110615-47-9 (REACH-no) 01-2119489418-23	5 - 15	Skin Irrit. 2, H315 Eye Dam. 1, H318
3-butoxypropan-2-ol; propylene glycol monobutyl ether	(CAS-No.) 5131-66-8 (EC-No.) 225-878-4 (EC Index-No.) 603-052-00-8 (REACH-no) 01-2119475527-28	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Amines, coco alkyldimethyl, N-oxides	(CAS-No.) 61788-90-7 (EC-No.) 263-016-9	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400
D-Glucopyranose, oligomers, decyl octyl glycosides	(CAS-No.) 68515-73-1 (EC-No.) 500-220-1 (REACH-no) 01-2119488530-36	1 - 5	Eye Dam. 1, H318
subtilisin	(CAS-No.) 9014-01-1 (EC-No.) 232-752-2 (EC Index-No.) 647-012-00-8 (REACH-no) 01-2119480434-38	0.1 - 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: If on skin, take off contaminated clothing. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air. Allow affected person to breathe fresh air.
First-aid measures after skin contact	: Rinse with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth.

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

Symptoms/effects after inhalation	: Cough.
Symptoms/effects after skin contact	: Repeated or prolonged skin contact may cause irritation.
Symptoms/effects after eye contact	: Redness, pain. Blurred vision.
Symptoms/effects after ingestion	: Abdominal pain, nausea.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: All extinguishing media allowed.
Unsuitable extinguishing media	: None.

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

Fire hazard	: Not combustible.
Explosion hazard	: Product is not explosive.
Reactivity in case of fire	: The product is stable at normal handling and storage conditions.

#### 5.3. Advice for firefighters

Precautionary measures fire	: Wear proper protective equipment.
Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation.

##### 6.1.1. For non-emergency personnel

Protective equipment : Personal protection. See Heading 8.

Emergency procedures : Evacuate area.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. See Heading 8.

Emergency procedures : Mark the danger area. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Dike for recovery or absorb with appropriate material.

Methods for cleaning up : Dilute residue with water. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Other information : Spill area may be slippery.

#### 6.4. Reference to other sections

See Heading 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep container closed when not in use.

Storage temperature : 4 - 25 °C

Heat and ignition sources : Store away from direct sunlight or other heat sources.

Special rules on packaging : Keep only in original container.

Packaging materials : PEHD.

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

Cleaning/washing agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 2-methoxymethylethoxypropanol (34590-94-8)

##### EU - Occupational Exposure Limits

Local name	(2-Methoxymethylethoxy)-propanol
IOELV TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
Notes	Skin

##### Austria - Occupational Exposure Limits

MAK (mg/m <sup>3</sup> )	307 mg/m <sup>3</sup>
MAK (ppm)	50 ppm

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<b>Denmark - Occupational Exposure Limits</b>	
Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	303 mg/m <sup>3</sup>
Grænseværdie (kortvarig) (ppm)	50 ppm
<b>France - Occupational Exposure Limits</b>	
VLE (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
VLE (ppm)	50 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	310 mg/m <sup>3</sup>
Occupational exposure limit value (ppm)	50 ppm
<b>Hungary - Occupational Exposure Limits</b>	
CK-érték	308 mg/m <sup>3</sup>
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
Grenswaarde TGG 8H (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Grenswaarde TGG 8H (ppm)	50 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
VLA-ED (ppm)	50 ppm
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
nivågränsvärde (NVG) (ppm)	50 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
WEL TWA (ppm)	50 ppm
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
MAK (ppm)	50 ppm
KZGW (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
KZGW (ppm)	50 ppm
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
ACGIH TWA (ppm)	50 ppm
<b>Triethanolamine (102-71-6)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> inhalable aerosol
MAK (ppm)	0,8 ppm
MAK Short time value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> inhalable aerosol
MAK Short time value (ppm)	0,16 ppm
<b>Denmark - Occupational Exposure Limits</b>	
Grænseværdie (langvarig) (mg/m <sup>3</sup> )	6,2 mg/m <sup>3</sup>
Grænseværdie (langvarig) (ppm)	1 ppm

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Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	3,1 mg/m <sup>3</sup>
Grænseværdie (kortvarig) (ppm)	0,5 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
nivågränsvärde (NVG) (ppm)	0,8 ppm
kortidsvärde (KTV) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
kortidsvärde (KTV) (ppm)	1,6 ppm
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
KZGW (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
<b>2,2'-iminodiethanol; diethanolamine (111-42-2)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
MAK (ppm)	0,46 ppm
MAK Short time value (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
MAK Short time value (ppm)	0,92 ppm
<b>Denmark - Occupational Exposure Limits</b>	
Grænseværdie (langvarig) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Grænseværdie (langvarig) (ppm)	0,46 ppm
Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Grænseværdie (kortvarig) (ppm)	0,92 ppm
<b>France - Occupational Exposure Limits</b>	
VLE (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
VLE (ppm)	3 ppm
<b>Poland - Occupational Exposure Limits</b>	
NDS (mg/m <sup>3</sup> )	9 mg/m <sup>3</sup>
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
VLA-ED (ppm)	0,46 ppm
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

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nivågränsvärde (NVG) (ppm)	3 ppm
kortidsvärde (KTV) (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
kortidsvärde (KTV) (ppm)	6 ppm
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> inhalable aerosol
KZGW (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> inhalable aerosol
<b>subtilisin (9014-01-1)</b>	
<b>Denmark - Occupational Exposure Limits</b>	
Grænseværdie (langvarig) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
Grænseværdie (kortvarig) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Germany - Occupational Exposure Limits (Generic OEL data)</b>	
Exposure limit values ((8 Hours))	1 glycine unit/m <sup>3</sup>
Exposure limit values ((15 minutes))	3 glycine unit/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
OEL (15 min ref) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Netherlands - Occupational Exposure Limits</b>	
MAC C (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL - Ceilings (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Sweden - Occupational Exposure Limits</b>	
nivågränsvärde (NVG) (mg/m <sup>3</sup> )	1 glycine unit/m <sup>3</sup>
kortidsvärde (KTV) (mg/m <sup>3</sup> )	3 glycine unit/m <sup>3</sup>
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	0,00004 mg/m <sup>3</sup>
<b>Norway - Occupational Exposure Limits</b>	
Grænseverdier (Takverdi) (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Switzerland - Occupational Exposure Limits</b>	
KZGW (mg/m <sup>3</sup> )	0,00006 mg/m <sup>3</sup>
<b>Lipase (9001-62-1)</b>	
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
<b>2-Octyl-3(2H)-isothiazolinone (26530-20-1)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	0,05
MAK Short time value (mg/m <sup>3</sup> )	0,05
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Occupational exposure limit value (mg/m <sup>3</sup> )	0,05
Limitation of exposure peaks (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup>
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup>

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KZGW (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup>
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### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure adequate ventilation.

#### Personal protective equipment:

Safety glasses. Mist formation: aerosol mask with filter type P3. Gloves.

#### Materials for protective clothing:

Use chemically protective clothing.

#### Hand protection:

In case of repeated or prolonged contact wear gloves. (EN 134)

#### Eye protection:

Chemical goggles or safety glasses. Eye protection (standard EN 166)

#### Skin and body protection:

Use chemically protective clothing

#### Respiratory protection:

Approved dust or mist respirator (acc. to EN 140 or EN 136) should be used if airborne particles are generated when handling this material. Recommended Filter: type P3 (acc. to EN 143). The entrepreneur has to ensure that maintenance cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

#### Personal protective equipment symbol(s):



#### Thermal hazard protection:

Not applicable.

#### Environmental exposure controls:

Prevent entry to sewers and public waters. Avoid release to the environment.

#### Other information:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. The equipment must be cleaned thoroughly after each use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: light brown.
Odour	: characteristic.
Odour threshold	: Not determined
pH	: 7,3 - 8,3
Relative evaporation rate (butylacetate=1)	: The product has not been tested
Melting point	: The product has not been tested
Freezing point	: The product has not been tested
Boiling point	: The product has not been tested
Flash point	: The product has not been tested
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: Not applicable
Vapour pressure	: The product has not been tested
Relative vapour density at 20 °C	: The product has not been tested
Relative density	: 995 - 1095
Solubility	: Material highly soluble in water.
Log Pow	: The product has not been tested
Viscosity, kinematic	: No data available

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Viscosity, dynamic	: The product has not been tested
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

### 9.2. Other information

Additional information : None

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

### 10.2. Chemical stability

Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

None.

### 10.5. Incompatible materials

None under normal conditions.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### 2-methoxymethylethoxypropanol (34590-94-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

#### Alkyl polyglucoside C10-16 (110615-47-9)

LD50 oral	> 2000 mg/kg
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#### 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

LD50 oral rat	2700 mg/kg
LD50 dermal rat	2000 mg/kg
LC50 inhalation rat (mg/l)	651 mg/l/4h

#### subtilisin (9014-01-1)

LD50 oral	1800 mg/kg bodyweight
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Skin corrosion/irritation	: Causes skin irritation. pH: 7,3 - 8,3
Serious eye damage/irritation	: Causes serious eye damage. pH: 7,3 - 8,3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified



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Hazardous to the aquatic environment, long-term (chronic) : Not classified

<b>2-methoxymethylethoxypropanol (34590-94-8)</b>	
LC50, Fish, Pimephales promelas	> 10000 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	> 100 mg/l (48 Hours)
EC50, algae	> 100 mg/l (72 Hours)

<b>Alkyl polyglucoside C10-16 (110615-47-9)</b>	
LC50 fish 1	10 - 100 mg/l
EC0, microorganisms	> 100 mg/l

<b>Amines, coco alkyldimethyl, N-oxides (61788-90-7)</b>	
LC50, Fish, acute, Danio rerio	10-100 mg/l (96 Hours, (OECD 203))
EC50, daphnia, Daphnia magna	4.4 mg/l (48 Hours, (US-EPA))
EC50, algae, Pseudokirchneriella subcapitata	0.11 mg/l (96 Hours, (US-EPA))
EC50, Bacteria, Pseudomonas putida	190 mg/l (16 Hours, (DIN 38412 part 8))

<b>3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)</b>	
LC50, Fish, Poecilia reticulata	560-1000 mg/l (96 Hours)
NOEC, Fish, Poecilia reticulata	180 mg/l (96 Hours)
EC50, daphnia, Daphnia magna	> 1000 mg/l (48 Hours)
NOEC50, daphnia, Daphnia magna	560 mg/l (48 Hours)
NOEC50, algae, Selenastrum capricornutum	560 mg/l (96 Hours)

<b>subtilisin (9014-01-1)</b>	
LC50 fish 1	8,2 mg/l (OECD 203 method)
EC50 Daphnia 1	586 µg/l (Daphnie sp.)
ErC50 (algae)	0,83 mg/l (OECD 201 method)

### 12.2. Persistence and degradability

<b>2-methoxymethylethoxypropanol (34590-94-8)</b>	
Persistence and degradability	Biodegradable.
Biodegradation	77 - 84 % 28 days

<b>Alkyl polyglucoside C10-16 (110615-47-9)</b>	
Persistence and degradability	Biodegradable.

<b>Amines, coco alkyldimethyl, N-oxides (61788-90-7)</b>	
Persistence and degradability	Biodegradable.
Biodegradation	> 80 % (OECD 302 B)

<b>3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)</b>	
Persistence and degradability	Biodegradable.
Biodegradation	60 - 90 % 28 days

<b>subtilisin (9014-01-1)</b>	
Persistence and degradability	(OECD 301B method). Biodegradable.

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### 12.3. Bioaccumulative potential

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Log Pow	The product has not been tested
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#### 2-methoxymethylethoxypropanol (34590-94-8)

Bioaccumulative potential	Slightly or not bioaccumulative.
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#### 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

Bioconcentration factor (BCF REACH)	3,2
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Bioaccumulative potential	not bioaccumulable.
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#### subtilisin (9014-01-1)

Log Pow	< 0
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Bioaccumulative potential	not bioaccumulable.
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### 12.4. Mobility in soil

#### 2-methoxymethylethoxypropanol (34590-94-8)

Ecology - soil	Soluble in water.
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#### 3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)

Ecology - soil	Soluble in water.
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### 12.5. Results of PBT and vPvB assessment

#### Component

subtilisin (9014-01-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
2-methoxymethylethoxypropanol (34590-94-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-butoxypropan-2-ol; propylene glycol monobutyl ether (5131-66-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Amines, coco alkyldimethyl, N-oxides (61788-90-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Remove to an authorized waste treatment plant.
Sewage disposal recommendations	: May be discharged to wastewater treatment installation.
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point. When totally empty, containers are recyclable like any other packing.
Ecology - waste materials	: Collect all waste in suitable and labelled containers and dispose according to local legislation. Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances
HP Code	: H4 - 'Irritant': non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation.
R code/ D code	: D9 - Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcination, etc.)

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

# FELEMA - FOAMCLEAN E

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Detergent Regulation : Labelling of contents:	
Component	%
non-ionic surfactants	5-15%
phosphonates	<5%
enzymes	
METHYLISOTHIAZOLINONE	
OCTYLISOTHIAZOLINONE	

#### 15.1.2. National regulations

##### Germany

Reference to AwSV

: Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

# FELEMA - FOAMCLEAN E

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### Netherlands

SZW-lijst van kankerverwekkende stoffen	: Protease (Subtilisin), Amines, coco alkyldimethyl, N-oxides are listed
SZW-lijst van mutagene stoffen	: Protease (Subtilisin) is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

### Denmark

Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

Section	Changed item	Change	Comments
	Date of issue	Modified	
	SDS EU format	Modified	
	Revision date	Modified	
	Supersedes	Modified	

### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains subtilisin. May produce an allergic reaction.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*