

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Name : Neutral Active Foam
Trade name : SMOOTH FOAM

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Intended for general public
Main use category : Consumer use
Use of the substance/mixture : Consumer uses

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Supplier**

NOVOL Sp. z o.o.
Żabikowska 7/9
62-052 KOMORNIKI, Poland
Poland
T +48618109800, F +48618109809
sekretariat@novol.com, www.novol.com
E-mail address of competent person responsible for the SDS :
dokumentacja@novol.com

1.4. Emergency telephone number

Emergency number : 112

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- and EUH-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

Contains

: tetrasodium ethylene diamine tetraacetate; Etidronic acid; Sulfuric acid, mono-C12-14-alkyl esters, sodium salts

Hazard statements (CLP)

: H315 - Causes skin irritation.
H318 - Causes serious eye damage.

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a doctor.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
α -Sulfo- ω -(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate	CAS-No.: 9004-82-4 REACH-no: --	< 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Etidronic acid	CAS-No.: 2809-21-4 EC-No.: 220-552-8 REACH-no: 01-2119510391-53	< 5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	CAS-No.: 85586-07-8 EC-No.: 287-809-4 REACH-no: 01-2119489463-28	< 5	Acute Tox. 4 (Oral), H302 (ATE=1250 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
tetrasodium ethylene diamine tetraacetate	CAS-No.: 64-02-8 EC-No.: 200-573-9 EC Index-No.: 607-428-00-2 REACH-no: 01-2119486762-27	< 3	Acute Tox. 4 (Oral), H302 (ATE=1700 mg/kg bodyweight) Acute Tox. 4 (Inhalation), H332 (ATE=1.5 mg/l/4h) Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 3, H412
3-butoxypropan-2-ol	CAS-No.: 5131-66-8 EC-No.: 225-878-4 EC Index-No.: 603-052-00-8 REACH-no: 01-2119475527-28	< 3	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Dodecyldimethylamine oxide	CAS-No.: 1643-20-5 EC-No.: 216-700-6 REACH-no: 01-2120068065-58	< 1	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
N,N-dimethyltetradecylamine N-oxide	CAS-No.: 3332-27-2 EC-No.: 222-059-3 REACH-no: 01-2119949262-37	< 0.3	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

Comments : Blend based on :
anionic surfactants
non-ionic surfactants
EDTA and salts thereof
phosphonates
perfumes

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : General information. Refer to section 11.
First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If skin irritation continues, consult a doctor.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion : If swallowed: rinse mouth. Do NOT induce vomiting. Call a physician immediately.

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

No additional information available

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 : The product is non-combustible. If there is a fire close by, use suitable extinguishing agents. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Remove ignition sources. Ensure that there is a suitable ventilation system. Avoid any direct or indirect contact with ingredients released. Avoid contact with skin and eyes. Use personal protective equipment as required. See Section 8.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. See Section 8.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains. Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

6.3. Methods and material for containment and cleaning up

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite. Mechanically recover the product.

6.4. Reference to other sections

Disposal considerations. See Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect against frost.

Storage temperature : 5 – 35 °C

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection			
Type	Field of application	Characteristics	Standard
Safety goggles			EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Viton® II	6 (> 480 minutes)	0,7 mm		EN 374-3, EN ISO 374-1
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	0,4 mm		EN 374-3

8.2.2.3. Respiratory protection

No additional information available

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: red.
Odour	: Fruity.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: 101 °C
Flammability	: > 60 °C

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Explosive properties	: No data available.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 60 °C
Auto-ignition temperature	: 260 °C
Decomposition temperature	: Not available
pH	: 6.5 – 7.5
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 2342 Pa
Vapour pressure at 50°C	: Not available
Density	: 1 g/cm ³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from sources of ignition. Prevent build-up of electrostatic charges (e.g. by grounding). Protect from sunlight. Avoid high temperatures. Keep out of frost.

10.5. Incompatible materials

No contact with: strong acids, strong bases and strong oxidants.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Carbon monoxide. Other toxic gases.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

tetrasodium ethylene diamine tetraacetate (64-02-8)

LD50 oral rat	1700 – 1913 mg/kg Source: EU RAR
---------------	----------------------------------

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified.
Acute toxicity (inhalation)	Not classified
LD50 dermal rabbit	1600 mg/kg Source: Corporate Solution From Thomson Micromedex
ATE CLP (dermal)	1600 mg/kg bodyweight
Etidronic acid (2809-21-4)	
Acute toxicity (oral)	Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
LD50 oral rat	3130 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 2660 - 3665
LD50 dermal rabbit	> 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (oral)	500 mg/kg bodyweight
3-butoxypropan-2-ol (5131-66-8)	
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
LD50 oral rat	5660 mg/kg Source: NLM;HSDB, TOMES;LOLI;
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	3100 mg/kg Source: NLM;chemIDplus, TOMES;LOLI;
Dodecyldimethylamine oxide (1643-20-5)	
Acute toxicity (oral)	Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
ATE CLP (oral)	500 mg/kg bodyweight
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Acute toxicity (oral)	Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (oral)	500 mg/kg bodyweight
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Acute toxicity (oral)	Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
LD50 oral rat	500 – 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CLP (oral)	1250 mg/kg bodyweight
Skin corrosion/irritation	: Causes skin irritation. pH: 6.5 – 7.5
tetrasodium ethylene diamine tetraacetate (64-02-8)	
pH	11.3 Source: HSDB
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Skin corrosion/irritation	Causes skin irritation.
pH	7.9 – 9 Source: Corporate Solution From Thomson Micromedex
Etidronic acid (2809-21-4)	
Skin corrosion/irritation	Causes skin irritation.
3-butoxypropan-2-ol (5131-66-8)	
Skin corrosion/irritation	Causes skin irritation.
Dodecyldimethylamine oxide (1643-20-5)	
Skin corrosion/irritation	Causes skin irritation.
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Skin corrosion/irritation	Causes skin irritation.
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Skin corrosion/irritation	Causes skin irritation.
pH	10.4 Concentration: 1 other:
Serious eye damage/irritation	: Causes serious eye damage. pH: 6.5 – 7.5
tetrasodium ethylene diamine tetraacetate (64-02-8)	
pH	11.3 Source: HSDB
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Serious eye damage/irritation	Causes serious eye irritation.
pH	7.9 – 9 Source: Corporate Solution From Thomson Micromedex
Etidronic acid (2809-21-4)	
Serious eye damage/irritation	Causes serious eye damage.
3-butoxypropan-2-ol (5131-66-8)	
Serious eye damage/irritation	Causes serious eye irritation.
Dodecyldimethylamine oxide (1643-20-5)	
Serious eye damage/irritation	Causes serious eye damage.
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Serious eye damage/irritation	Causes serious eye damage.

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Serious eye damage/irritation	Causes serious eye damage.
pH	10.4 Concentration: 1 other:
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)	
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Respiratory or skin sensitisation	Not classified
Etidronic acid (2809-21-4)	
Respiratory or skin sensitisation	Not classified
3-butoxypropan-2-ol (5131-66-8)	
Respiratory or skin sensitisation	Not classified
Dodecyldimethylamine oxide (1643-20-5)	
Respiratory or skin sensitisation	Not classified
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Respiratory or skin sensitisation	Not classified
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)	
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Germ cell mutagenicity	Not classified
Etidronic acid (2809-21-4)	
Germ cell mutagenicity	Not classified
3-butoxypropan-2-ol (5131-66-8)	
Germ cell mutagenicity	Not classified
Dodecyldimethylamine oxide (1643-20-5)	
Germ cell mutagenicity	Not classified
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Germ cell mutagenicity	Not classified
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Germ cell mutagenicity	Not classified
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)	
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Carcinogenicity	Not classified
Etidronic acid (2809-21-4)	
Carcinogenicity	Not classified
NOAEL (chronic, oral, animal/male, 2 years)	≥ 384 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	≥ 493 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

3-butoxypropan-2-ol (5131-66-8)	
Carcinogenicity	Not classified
Dodecyltrimethylamine oxide (1643-20-5)	
Carcinogenicity	Not classified
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Carcinogenicity	Not classified
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Carcinogenicity	Not classified
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)	
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Reproductive toxicity	Not classified
Etidronic acid (2809-21-4)	
Reproductive toxicity	Not classified
NOAEL (animal/male, F1)	≈ 294 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
3-butoxypropan-2-ol (5131-66-8)	
Reproductive toxicity	Not classified
Dodecyltrimethylamine oxide (1643-20-5)	
Reproductive toxicity	Not classified
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Reproductive toxicity	Not classified
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Reproductive toxicity	Not classified
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)	
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)	
tetrasodium ethylene diamine tetraacetate (64-02-8)	
LOAEL (oral, rat, 90 days)	60 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.015 mg/l air Animal: rat, Animal sex: female, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (oral, rat, 90 days)	6 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Etidronic acid (2809-21-4)	
LOAEL (oral, rat, 90 days)	169 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	41 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

3-butoxypropan-2-ol (5131-66-8)	
LOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (oral, rat, 90 days)	350 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	880 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Dodecyldimethylamine oxide (1643-20-5)	
NOAEL (oral, rat, 90 days)	40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
NOAEL (oral, rat, 90 days)	40 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)	
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Aspiration hazard	Not classified
Etidronic acid (2809-21-4)	
Aspiration hazard	Not classified
3-butoxypropan-2-ol (5131-66-8)	
Aspiration hazard	Not classified
Dodecyldimethylamine oxide (1643-20-5)	
Aspiration hazard	Not classified
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Aspiration hazard	Not classified
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Aspiration hazard	Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

tetrasodium ethylene diamine tetraacetate (64-02-8)	
LC50 - Fish [1]	> 116 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 114 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 60 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
LOEC (chronic)	50 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 25.7 mg/l Test organisms (species): Duration: '35 d'

α -Sulfo- ω -(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified.
EC50 - Crustacea [1]	3.12 mg/l Source: The ECOTOXicology database

Etidronic acid (2809-21-4)	
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified
LC50 - Fish [1]	195 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	527 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	1770 mg/l Test organisms (species): Palaemonetes pugio
NOEC (chronic)	6.75 mg/l Test organisms (species): Daphnia magna Duration: '28 d'

3-butoxypropan-2-ol (5131-66-8)	
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified
LC50 - Fish [1]	560 – 1000 mg/l Test organisms (species): Poecilia reticulata
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

Dodecyldimethylamine oxide (1643-20-5)	
Hazardous to the aquatic environment, short-term (acute)	Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	Toxic to aquatic life with long lasting effects.
LC50 - Fish [1]	134 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	31.8 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	10.4 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	3.1 mg/l Test organisms (species): Daphnia magna

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Dodecyldimethylamine oxide (1643-20-5)	
ErC50 algae	0.081 mg/l Source: NITE
NOEC (chronic)	0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Hazardous to the aquatic environment, short-term (acute)	Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	Toxic to aquatic life with long lasting effects.
LC50 - Fish [1]	10.3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 - Fish [2]	2.4 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	0.086 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	0.061 mg/l Source: Ecological Structure Activity Relationships
NOEC (chronic)	0.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.42 mg/l Test organisms (species): Pimephales promelas Duration: '302 d'
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Harmful to aquatic life with long lasting effects.
LC50 - Fish [1]	3.6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	4.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 20 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	12 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic fish	≥ 1.357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d'
12.2. Persistence and degradability	
SMOOTH FOAM	
Persistence and degradability	Not rapidly degradable
tetrasodium ethylene diamine tetraacetate (64-02-8)	
Persistence and degradability	Not rapidly degradable
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Persistence and degradability	Not rapidly degradable
Etidronic acid (2809-21-4)	
Persistence and degradability	Not rapidly degradable
3-butoxypropan-2-ol (5131-66-8)	
Persistence and degradability	Not rapidly degradable
Dodecyldimethylamine oxide (1643-20-5)	
Persistence and degradability	Not rapidly degradable

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Persistence and degradability	Not rapidly degradable
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

tetrasodium ethylene diamine tetraacetate (64-02-8)	
Partition coefficient n-octanol/water (Log Pow)	-13.17 Source: ChemIDplus
α-Sulfo-ω-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt ; Sodium polyoxyethylene lauryl ether sulfate (9004-82-4)	
Partition coefficient n-octanol/water (Log Pow)	1.62 Source: Quantitative Structure Activity Relation
Etidronic acid (2809-21-4)	
Partition coefficient n-octanol/water (Log Pow)	-3.49
3-butoxypropan-2-ol (5131-66-8)	
Partition coefficient n-octanol/water (Log Pow)	0.98 Source: EPISUITE
Dodecyldimethylamine oxide (1643-20-5)	
Partition coefficient n-octanol/water (Log Pow)	4.67
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Partition coefficient n-octanol/water (Log Pow)	5.66 Source: Chemical Substances Hazard Assessment Report/Initial Risk Assessment Report
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
Partition coefficient n-octanol/water (Log Pow)	$\leq$ -2.42 Source: ECHA Chem

12.4. Mobility in soil

3-butoxypropan-2-ol (5131-66-8)	
Mobility in soil	9.228
N,N-dimethyltetradecylamine N-oxide (3332-27-2)	
Mobility in soil	3.99 Source: Quantitative Structure Activity Relation

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

No additional information available

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not discharge into drains.
Product/Packaging disposal recommendations	: Do not dispose of with domestic waste. After cleaning, recycle or dispose of at an authorised site.
European List of Waste (LoW, EC 2000/532)	: 20 01 29* - detergents containing dangerous substances 15 01 02 - plastic packaging European List of Waste (LoW, EC 2000/532)

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA
14.1. UN number or ID number		
Not regulated for transport		
14.2. UN proper shipping name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

Overland transport

Transport regulations (ADR) : Not regulated for transport

Transport by sea

Transport regulations (IMDG) : Not regulated for transport

Air transport

Transport regulations (IATA) : Not regulated for transport

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains substance(s) listed on the Dual-Use list (EU)

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

SDS EU format according to COMMISSION REGULATION (EU) 2020/878.

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Abbreviations and acronyms:	
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstracts Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Data sources

: ECHA (European Chemicals Agency).

Training advice

: Handle in accordance with good industrial hygiene and safety procedures.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

SMOOTH FOAM

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Full text of H- and EUH-statements:	
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

Safety Data Sheet (SDS), EU

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.