



Zacht en Fris

Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

Issue date: 11-11-2021 Revision date: 11-11-2021 Supersedes version of: 25-4-2016 Version: 9.0

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

1.1. Product identifier

Product form : Mixture
Name : Zacht en Fris
Product code : 2000.0_81166RS37
Type of product : Cosmetic product
Product group : Trade product

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, Consumer use
Use of the substance/mixture : The data given here is based on the product properties as mentioned in section 1.1. and is provided on the assumption, that the product will be used in the manner and for the purposes for which the manufacturer indicates.
Use of the substance/mixture : Hand cleaning soap
Function or use category : Cosmetics

Title	Use descriptors
Professional use	SU22, PC39, PROC8a, PROC10, ERC8a
Consumer use	SU21, PC39, ERC8a

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of product safety information sheet

Supplier

Fris Doekske
Kleine Mechelsebaan 56/a
BE 3200 Aarschot
Belgique-Belgie
T +32 (0) 496861744
info@frisdoekske.be, <https://www.frisdoekske.be/>

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital Msida MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The classification in categories of danger in compliance with Regulation (EC) 1272/2008 does not apply to cosmetic products. Causes eye irritation.

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

Not applicable

Adverse physicochemical, human health and environmental effects

The classification in categories of danger in compliance with Regulation (EC) 1272/2008 does not apply to cosmetic products. Causes eye irritation.

2.2. Label elements

Cosmetic product: no labelling requirements in compliance with Directive (EC) 1272/2008. The product does not need to be labelled in accordance with EEC directives on classification, packaging and labelling of dangerous substances.

No labelling applicable

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 is 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

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE)	CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639-16	10 – 20	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Glycerol (INCI: GLYCERIN) substance with national workplace exposure limit(s) (GB, IE)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	< 0,1	Not classified
2,2'-iminodiethanol (INCI: DIETHANOLAMINE) substance with national workplace exposure limit(s) (IE)	CAS-No.: 111-42-2 EC-No.: 203-868-0 EC Index-No.: 603-071-00-1 REACH-no: 01-2119488930-28	< 0,1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Chronic 3, H412
5-chloro-2-methyl-4-isothiazoline-3-one(MCI)(KathonCG) (INCI: METHYLCHLOROISOTHIAZOLINONE)	CAS-No.: 26172-55-4 EC-No.: 247-500-7 REACH-no: 01-2120764691-48	< 0,1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

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Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE)	CAS-No.: 2682-20-4 EC-No.: 220-239-6 REACH-no: 01-2120764691-48	< 0,1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Inhalation:vapour), H330 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE Not classified Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Specific concentration limits:

Name	Product identifier	Specific concentration limits (Conc. (% w/w))
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE)	CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639-16	(5 ≤ C < 10) Eye Irrit. 2, H319 (10 ≤ C < 100) Eye Dam. 1, H318
5-chloro-2-methyl-4-isothiazoline-3-one(MCI)(KathonCG) (INCI: METHYLCHLOROISOTHIAZOLINONE)	CAS-No.: 26172-55-4 EC-No.: 247-500-7 REACH-no: 01-2120764691-48	(0,0015 ≤ C < 100) Skin Sens. 1, H317 (0,06 ≤ C < 100) Skin Irrit. 2, H315 (0,06 ≤ C < 100) Eye Irrit. 2, H319 (0,6 ≤ C < 100) Skin Corr. 1B, H314
2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE)	CAS-No.: 2682-20-4 EC-No.: 220-239-6 REACH-no: 01-2120764691-48	(0,0015 ≤ C < 100) Skin Sens. 1, H317 (0,0015 ≤ C < 100) Skin Sens. 1A, H317

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	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
First-aid measures after skin contact	: Rinse skin with water/shower.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. If you feel unwell, seek medical advice (show the label where possible).

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

Symptoms/effects after inhalation	: Inhalation unlikely.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard. The product is not considered to be irritating to the skin.
Symptoms/effects after eye contact	: Eye irritant upon direct contact. Tears. Burning sensation. Redness, pain.
Symptoms/effects after ingestion	: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not combustible.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Material spilled on hard surface can present a serious slipping/falling hazard.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not flush into surface water. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Dispose in a safe manner in accordance with local/national regulations. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Wash away remainder with plenty of water. Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Normal precautions for the use of chemicals and cleaners should be taken care of. See information supplied by the manufacturer. Use personal protective equipment as required.
Label : Keep out of reach of children, In case of contact with the eyes :, Rinse cautiously with water for several minutes.
Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed. Protect from freezing.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Glycerol (INCI: GLYCERIN) (56-81-5)	
Ireland - Occupational Exposure Limits	
Local name	Glycerol, mist
OEL TWA	10 mg/m ³
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m ³ mist
Regulatory reference	EH40. HSE
2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)	
Ireland - Occupational Exposure Limits	
Local name	Diethanolamine
OEL TWA	1 mg/m ³ IFV (Inhale Fraction and Vapour) 0,2 ppm
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016

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

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DNEL/DMEL (additional information)	
See http	//www.dguv.de/ifa/de/gestis/limit_values/index.jsp: Information on ingredients.
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
Long-term - local effects, dermal	0,132
Long-term - systemic effects, inhalation	175 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	15 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	52 mg/m ³
Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day
Long-term - local effects, dermal	0,079 mg/cm ²
PNEC (Water)	
PNEC aqua (freshwater)	0,24 mg/l
PNEC aqua (marine water)	0,024 mg/l

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Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)	
PNEC (Sediment)	
PNEC sediment (freshwater)	5,45 mg/kg dwt
PNEC sediment (marine water)	0,545 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,946 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10000 mg/l

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:

Not required for normal conditions of use. Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

No special eye protection equipment recommended under normal conditions of use

8.2.2.2. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

8.2.2.3. Respiratory protection

Respiratory protection:

No special protection required where adequate ventilation is maintained

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke when using this product. The information in this section applies to the undiluted product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: pink.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 60 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available

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pH	: 6,5 (20°C)
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 3500 – 5500 mPa·s (20°C)
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1,04 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

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Glycerol (INCI: GLYCERIN) (56-81-5)

LD50 oral rat	> 12600 (≤ 27200) mg/kg
LD50 oral	25000 mg/kg bodyweight
LD50 dermal rat	> 15000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LD50 dermal	> 18700 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	50100 mg/l/4h

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2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)	
LD50 oral rat	676 – 1600 mg/kg (OECD 401)
LD50 oral	710 mg/kg bodyweight
LD50 dermal rabbit	8200 – 12970 mg/kg (OECD 402)
LD50 dermal	12200 mg/kg bodyweight
LC50 Inhalation - Rat	(3.35 mg/m ³ , LC0, 4h, Aerosol, OECD 403) / (0.2 mg/m ³ , LC0, 8h, Aerosol, OECD403)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)	
LD50 oral rat	4100 mg/kg (OECD 401)
LD50 dermal rat	> 2000 mg/kg (OECD 402)
5-chloro-2-methyl-4-isothiazoline-3-one(MCI)(KathonCG) (INCI: METHYLCHLOROISOTHIAZOLINONE) (26172-55-4)	
LD50 oral rat	457 mg/kg (CIT/MIT)
LD50 oral	481 mg/kg bodyweight
LD50 dermal rabbit	660 mg/kg (CIT/MIT)
LD50 dermal	> 1008 mg/kg bodyweight
LC50 Inhalation - Rat	2,36 mg/l/4h (CIT/MIT)
LC50 Inhalation - Rat (Dust/Mist)	1230 mg/m ³
2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE) (2682-20-4)	
LD50 oral rat	120 – 285 mg/kg
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	660 mg/kg (CIT/MIT)
LD50 dermal	242 mg/kg (Rabbit, female)
LC50 Inhalation - Rat	0,11 – 0,384 mg/l/4h (OECD 403)
Skin corrosion/irritation	: Not classified. pH: 6,5 (20°C)
Glycerol (INCI: GLYCERIN) (56-81-5)	
pH	7 (5 – 8)
Serious eye damage/irritation	: Causes serious eye irritation pH: 6,5 (20°C)
Additional information	: Based on available data, the classification criteria are not met
Glycerol (INCI: GLYCERIN) (56-81-5)	
pH	7 (5 – 8)
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)	
LOAEL (animal/male, F1)	> 300 mg/kg (Oral, rat, OECD 416, Toxicity for reproduction - fertility -)
LOAEL (animal/female, F1)	> 1000 mg/kg (Oral, rat, OECD 416, oxicity to reproduction - development -)
STOT-single exposure	: Not classified

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Additional information : Based on available data, the classification criteria are not met

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)

NOAEL (oral, rat) > 225 mg/kg bodyweight (OECD 408)

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)

LOAEL (oral, rat, 90 days) > 225 mg/kg bodyweight/day (OECD 408)

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

Glycerol (INCI: GLYCERIN) (56-81-5)

Viscosity, kinematic 1120,635 mm²/s

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met. With the product as such no toxicological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified as mentioned in section 2. Components that are toxic are mentioned in section 3.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : With the product as such no ecological tests have been done. According to the criteria of art. 3 from (EC) Nr. 1272/2008 [CLP] this product is classified concerning the environment as mentioned in section 2. Components that are dangerous to the environment are mentioned in section 3.

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

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

Glycerol (INCI: GLYCERIN) (56-81-5)

LC50 - Fish [1] > 1000 mg/l (96h)

LC50 - Fish [2] 885 (96h, Pimephales promelas)

LC50 - Other aquatic organisms [1] > 54000 (Fish, 96h, Salmo gairdner, Onchorhynchus mykiss)

EC50 - Crustacea [1] > 10000 mg/l (24h)

EC50 - Crustacea [2] 1955 mg/l (48h)

EC50 - Other aquatic organisms [1] > 10000 mg/l EC50 waterflea (48 h)

EC50 - Other aquatic organisms [2] > 10000 mg/l IC50 algea (72 h) mg/l

EC50 72h - Algae [1] > 29000 mg/l (72h)

2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)

LC50 - Fish [1] 1460 mg/l (96h, Pimephales promelas)

EC50 - Crustacea [1] 55 mg/l (48h)

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2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)	
EC50 72h - Algae [1]	7,8 mg/l (72h, Scenedesmus subspicatus)
EC50 72h - Algae [2]	2,2 mg/l (96h, Pseudokirchneriella subcapitata)
NOEC chronic crustacea	0,78 mg/l (21d, Daphnia magna)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)	
LC50 - Fish [1]	7,1 mg/l (96h, OECD 203)
EC50 - Crustacea [1]	7,2 mg/l (48h)
EC50 - Crustacea [2]	7,4 mg/l (48h, OECD 202)
EC50 72h - Algae [1]	7,5 mg/l (72h)
EC50 72h - Algae [2]	27,7 mg/l (72h, OECD 201)
NOEC (acute)	0,1 mg/l (Fish, 28h)
NOEC chronic algae	0,95 mg/l (72h, OECD 201)
5-chloro-2-methyl-4-isothiazoline-3-one(MCI)(KathonCG) (INCI: METHYLCHLOROISOTHIAZOLINONE) (26172-55-4)	
LC50 - Fish [1]	0,19 mg/l (96h, Oncorhynchus mykiss, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2- methyl-2H-isothiazool-3-on (CAS 2682-20-4))
EC50 - Crustacea [1]	0,16 mg/l (48h, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2- methyl-2H-isothiazool-3-on (CAS 2682-20-4))
EC50 - Crustacea [2]	0,1 (48h, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2- methyl-2H-isothiazool-3-on (CAS 2682-20-4))
EC50 - Other aquatic organisms [1]	0,0052 mg/l (478h, Skeletonema costatum, OECD 201)
EC50 72h - Algae [1]	0,018 mg/l (Algae, EC50, 72h, Scenedesmus capricornutum, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2-methyl-2H-isothiazool-3-on (CAS 2682-20-4))
EC50 72h - Algae [2]	0,048 mg/l (Algae, EC50, 72h, Scenedesmus capricornutum, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2-methyl-2H-isothiazool-3-on (CAS 2682-20-4))
NOEC chronic fish	0,098 mg/l (28d, Oncorhynchus mykiss, OECD 210)
NOEC chronic crustacea	0,004 mg/l (21d, Daphnia magna, OECD 211)
NOEC chronic algae	0,0012 mg/l
2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE) (2682-20-4)	
LC50 - Fish [1]	4,77 – 6 mg/l (96h, Oncorhynchus mykiss, OECD 203)
LC50 - Fish [2]	(0,28 mg/l, 96h, Lepomis macrochirus, mixture 5-chloor-2-methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2- methyl-2H-isothiazool-3-on (CAS 2682-20-4))
EC50 - Crustacea [1]	0,93 – 1,9 mg/l (48h, OECD 202)
EC50 - Crustacea [2]	1,68 mg/l (48h, OECD 202)
EC50 72h - Algae [1]	0,158 mg/l (72h, Selenastrum capricornutum, OECD 201)
EC50 72h - Algae [2]	(0,18 mg/l, Algae, EC50, 72h, Scenedesmus capricornutum, mixture 5-chloor-2- methyl-2H-isothiazool-3-on (CAS 26172-55-4) and 2-methyl-2H-isothiazool-3-on (CAS 2682-20-4))
NOEC (chronic)	0,04 – 0,55 mg/l (21d, Daphnia magna, OECD 211)
NOEC chronic fish	2,38 mg/l (28d, Pimephales promelas, OECD 210)
NOEC chronic algae	0,03 (72h, Pseudokirchneriella subcapitata, OECD 201)

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12.2. Persistence and degradability

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Persistence and degradability	Not established. 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.
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Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)

Biodegradation	82,5 % (EMPLA 565/2006)
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2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE) (2682-20-4)

Biodegradation	> 70 % (OECD 309)
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Glycerol (INCI: GLYCERIN) (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1,76
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Partition coefficient n-octanol/water (Log Kow)	-1,76
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2,2'-iminodiethanol (INCI: DIETHANOLAMINE) (111-42-2)

Partition coefficient n-octanol/water (Log Pow)	-2,18 – -1,4
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Partition coefficient n-octanol/water (Log Kow)	-1,43
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Alcohols, C12-14, ethoxylated, sulfates, sodium salts (INCI: SODIUM LAURETH SULFATE) (68891-38-3)

Partition coefficient n-octanol/water (Log Pow)	0,3
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5-chloro-2-methyl-4-isothiazoline-3-one(MCI)(KathonCG) (INCI: METHYLCHLOROISOTHIAZOLINONE) (26172-55-4)

Partition coefficient n-octanol/water (Log Kow)	0,401
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2-Methyl-4-isothiazolin-3-one(MI) (INCI: METHYLISOTHIAZOLINONE) (2682-20-4)

Bioconcentration factor (BCF REACH)	3,16
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Partition coefficient n-octanol/water (Log Kow)	≤ 0,05 (OECD 117 LogKow (HPLC Method))
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

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Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional waste regulation : Disposal must be done according to official regulations.
- Product/Packaging disposal recommendations : This material and its container must be disposed of in a safe way, and as per local legislation. Product as it is : Flush down the drain with excess of water. Attention : national and/or local laws and regulations may preclude the use of this method. Empty containers can be dumped after cleaning according to local legislation. Recycling is preferred to disposal or incineration. Empty the packaging completely prior to disposal. Flush residue with large amounts of water.
- Ecological information : Avoid release to the environment.
- European List of Waste (LoW, EC 2000/532) : 20 01 30 - detergents other than those mentioned in 20 01 29

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	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	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. Maritime transport in bulk according to IMO instruments

Not applicable

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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)

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 (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Cosmetic Regulation (1223/2009)

Allergenic fragrances (Cosmetics):

BENZYL ALCOHOL

HEXYL CINNAMAL

Label elements - Ingredients INCI

Ingredients

: AQUA; SODIUM LAURETH SULFATE; SODIUM CHLORIDE; COCAMIDE DEA; PARFUM; CETYL ALCOHOL; DISODIUM LAURETH SULFOSUCCINATE; STEARAMIDE MEA; GLYCERIN; DIETHANOLAMINE; C12-14 PARETH-3; CITRIC ACID; BENZYL ALCOHOL; HEXYL CINNAMAL; METHYLCHLOROISOTHIAZOLINONE; METHYLISOTHIAZOLINONE; CI 45100

Explosives Precursors Regulation (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 (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

Product Safety Assessment accordance regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

Raw materials information section 3.

See <http://esis.jrc.ec.europa.eu/index.php?PGM=dat> : Information on ingredients.

SECTION 16: Other information

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Indication of changes

Section	Changed item	Change	Comments
	Supersedes	Modified	

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Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Issue date	Modified	
	SDS Ref.	Modified	
	Version	Modified	Major
3	Composition/information on ingredients	Modified	
15.1	Ingredients INCI	Modified	Major
16	Data sources	Modified	
16	Abbreviations and acronyms	Modified	

Abbreviations and acronyms:	
	ABM: Algemene Beoordelings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route) / ALG: Allergen / AQTX: Aquatic Toxicity / Atm: Atmosphere (unit of pressure) / bw: bodyweight / C: Ceiling / CAR:\Carcinogenic Effects / CAS No: Chemical Abstracts Service Number (see ACS – American Chemical Society) / CMRs: Carcinogenic, Mutagenic or toxic to Reproduction (substances) / CSR: Chemical Safety Report / Cc (cm3): Cubic Centimeter / DNEL: Derived No-Effect Level / EC50: half maximal effective concentration / ED50: Effective Dose 50 / ET50: Exposure Time 50 / I.V.: Intravenous / Kg: Kilogram / LC: Lethal Concentration / LC50: Median Lethal Concentration / LCLo: Lowest Lethal Airborne Concentration Tested (see also LC50, LD50) / LD: Lethal Dose / LD50: Median Lethal Dose LDLo: Lowest Lethal Dose Tested (see also LC50, LD50) / MAC: Maximum Allowable Concentration / MAK: Maximale Arbeitsplatz-Konzentration (Germany, Maximum Workplace Concentration, see OEL) / MSDS: Material Safety Data Sheet / NOAEL: No Observed Adverse Effect Level / NOEL: No Observable Effect Level / OEL: Occupational Exposure Limits / PBTs: Persistent, Bioaccumulative and Toxic substances / PEC: Predicted Environmental Concentration / PNEC: Predicted No-Effect Concentration / REACH: Registration, Evaluation, Authorisation and Restriction of Chemical substances / STEL: Short-Term Exposure Limit / STEV: Short-Term Exposure Value / STP: Sewage Treatment Plant TLM: Threshold Limit, Median / TLV-C: Threshold Limit Value-Ceiling / TLV@: Threshold Limit Value / TWA: Time-Weighted Average / WGK: Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) / g/gms: Grams / kJ/mol: Kilojoules per mole / kPa: KiloPascal (unit of pressure) / m3: Cubic Meter / mg: Milligram / ml: Milliliter / ml Hg: Milliliters of Mercury / n.o.s.: Not Otherwise Specified / nm: nanometer / ppb: Parts Per Billion / pph: parts per hundred (= percent) / ppm: Parts Per Million / ppt: parts per trillion / vPvBs: Very Persistent and Very Bioaccumulative substances
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
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration

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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
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
TLM	Median Tolerance Limit
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Regulation(EC) No 1223/2009 on cosmetic products.
Other information	: None. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 2 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3

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Full text of H- and EUH-statements:	
EUH208	Contains METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic 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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr./Irrit. Not classified	Skin corrosion/irritation Not classified
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE Not classified	Specific target organ toxicity (single exposure) Not classified

Full text of use descriptors	
ERC8a	Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
PC39	Cosmetics, personal care products
PROC10	Roller application or brushing
PROC8a	Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
SU21	Consumer uses: Private households (= general public = consumers)
SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Safety Data Sheet (SDS), EU, (COS)