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Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 7-2-2017 Revision date: 20-6-2024 Supersedes version of: 12-7-2022 Version: 3.1

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

1.1. Product identifier

Product form : Mixture
Product name : 2 in 1
UFI : 9FFT-6NCY-W30V-HA1T
Product code : 274045, 274046
Type of product : Detergent
Product group : Cleaning product

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

Relevant identified uses

Main use category : Professional use
Industrial/Professional use spec : Wide dispersive use
Use of the substance/mixture : The information given in this MSDS concerns the product and is given on the assumption mentioned in section 1.1, that the product will be used in the manner and for the purposes indicated by the manufacturer.
Use of the substance/mixture : Cleaner

1.3. Details of the supplier of the safety data sheet

Distributor

JeFo Ship Supply
Roomweg 6-B
NL 8334 NR Tuk
Nederland
T +31(0)683701219
info@jefoshipsupply.nl, www.jefoshipsupply.nl

1.4. Emergency telephone number

Country/Area	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)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning.

Hazard statements (CLP) :

H319 - Causes serious eye irritation.

Precautionary statements (CLP) :

P280 - Wear eye protection, protective gloves.

P337+P313 - If eye irritation persists: Get medical advice/attention.

EUH-statements

EUH208 - Contains 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

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]
Isotridecanol, ethoxylated (8 EO)	CAS-No.: 9043-30-5 EC-No.: 500-027-2 REACH-no: Polymer	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium laurylether (2 EO) sulphate	CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639-16	1 – 5	Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Sulphonic acids, C14-17-sec-alkane, sodium salts	CAS-No.: 97489-15-1 REACH-no: 01-2119489924-20	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412
DIPHENYL ETHER substance with national workplace exposure limit(s) (IE, GB); substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545-33	< 0,1	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 EUH210
acetic acid substance with national workplace exposure limit(s) (IE, GB); substance with a Community workplace exposure limit	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH-no: 01-2119475328-30	< 0,01	Flam. Liq. 3, H226 Skin Corr. 1A, H314

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690-50	< 0,01	Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 EUH071

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Sodium laurylether (2 EO) sulphate	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
Sulphonic acids, C14-17-sec-alkane, sodium salts	CAS-No.: 97489-15-1 REACH-no: 01-2119489924-20	(10 < C ≤ 15) Eye Irrit. 2; H319 (10 < C < 100) Skin Irrit. 2; H315 (15 < C < 100) Eye Dam. 1; H318 (60 < C < 100) Acute Tox. 4 (Oral); H302
acetic acid	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH-no: 01-2119475328-30	(10 ≤ C < 25) Skin Irrit. 2; H315 (10 ≤ C < 25) Eye Irrit. 2; H319 (25 ≤ C < 90) Skin Corr. 1B; H314 (90 ≤ C ≤ 100) Skin Corr. 1A; H314
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690-50	(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	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
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.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: Eye irritation.
Symptoms/effects after eye contact	: Causes eye irritation.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : 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

Storage conditions : Store in a well-ventilated place. Keep cool.
Storage temperature : 10 – 30 °C
Storage area : Store in a clean, dry, fire resistant area. Ensure that there is a suitable ventilation system.
Special rules on packaging : Store in a closed container. Keep only in original container.

7.3. Specific end use(s)

Carefully comply with the instructions for use.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

DIPHENYL ETHER (101-84-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Diphenyl ether
IOEL TWA	7 mg/m ³
	1 ppm
IOEL STEL	14 mg/m ³
	2 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
Ireland - Occupational Exposure Limits	
Local name	Diphenyl ether (vapour)
OEL TWA	7 mg/m ³
	1 ppm
OEL STEL	14 mg/m ³
	2 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
United Kingdom - Occupational Exposure Limits	
Local name	Diphenyl ether
WEL TWA (OEL TWA)	7 mg/m ³
	1 ppm
WEL STEL (OEL STEL)	14 mg/m ³
	2 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
acetic acid (64-19-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Acetic acid
IOEL TWA	25 mg/m ³
	10 ppm
IOEL STEL	50 mg/m ³
	20 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
Ireland - Occupational Exposure Limits	
Local name	Acetic acid
OEL TWA	25 mg/m ³
	10 ppm
OEL STEL	50 mg/m ³

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acetic acid (64-19-7)	
	20 ppm
Remark	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
United Kingdom - Occupational Exposure Limits	
Local name	Acetic acid
WEL TWA (OEL TWA)	25 mg/m ³
	10 ppm
WEL STEL (OEL STEL)	50 mg/m ³
	20 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

DNEL and PNEC

Sodium laurylether (2 EO) sulphate (68891-38-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
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
PNEC (Water)	
PNEC aqua (freshwater)	0,24 mg/l
PNEC aqua (marine water)	0,024 mg/l
PNEC aqua (intermittent, freshwater)	0,071 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,9168 mg/kg dwt
PNEC sediment (marine water)	0,09168 mg/kg dwt
PNEC (Soil)	
PNEC soil	7,5 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 g/l
Trisodium Citrate Dihydrate (68-04-2)	
PNEC (Water)	
PNEC aqua (freshwater)	0,44 mg/l
PNEC aqua (marine water)	0,044 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	34,6 mg/kg dwt
PNEC sediment (marine water)	3,46 mg/kg dwt

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Trisodium Citrate Dihydrate (68-04-2)	
PNEC (Soil)	
PNEC soil	33,1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l
DL-Alanine-N,N-diacetic acid trisodium salt (164462-16-2)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	2000 mg/kg bodyweight/day
Acute - systemic effects, inhalation	40 mg/m ³
Acute - local effects, dermal	2000 mg/cm ²
Acute - local effects, inhalation	40 mg/m ³
Long-term - systemic effects, dermal	170 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	40 mg/m ³
Long-term - local effects, inhalation	4 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	400 mg/kg bodyweight/day
Acute - systemic effects, inhalation	20 mg/m ³
Acute - systemic effects, oral	85 mg/kg bodyweight/day
Acute - local effects, dermal	400 mg/cm ²
Acute - local effects, inhalation	20 mg/m ³
Long-term - systemic effects, oral	17 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	20 mg/m ³
Long-term - systemic effects, dermal	25 mg/kg bodyweight/day
Long-term - local effects, inhalation	2 mg/m ³
PNEC (Soil)	
PNEC soil	2,5 mg/kg dwt
Sulphonic acids, C14-17-sec-alkane, sodium salts (97489-15-1)	
PNEC (Water)	
PNEC aqua (freshwater)	0,04 mg/l
PNEC aqua (marine water)	0,004 mg/l
PNEC aqua (intermittent, freshwater)	0,06 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,94 mg/kg dwt
PNEC (Soil)	
PNEC soil	9,47 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	600 mg/l

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8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Wear security glasses which protect from splashes (EN ISO16321 CH)

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses	Protection for Liquid particles	With side shields	EN ISO 16321 CH

Skin protection

Skin and body protection:

If there is a risk of liquid being splashed : Long sleeved protective clothing (EN 14605)

Skin and body protection	
Type	Standard
Tyvek® Gown/Coveralls	EN 14605

Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	0,4	2 (< 1.5)	EN 374-2

Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Dispose of contents/container in accordance with licensed collector's sorting instructions. Carefully comply with the instructions for use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: red.
Appearance	: Clear.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available

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Boiling point	: 100 °C
Flammability	: Not applicable
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7
pH solution concentration	: 100 %
Viscosity, kinematic	: 780,488 mm ² /s
Viscosity, dynamic	: 800 mPa·s
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1,025 g/cm ³
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

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.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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)

Sodium laurylether (2 EO) sulphate (68891-38-3)

LD50 oral	4100 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

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Isotridecanol, ethoxylated (8 EO) (9043-30-5)

LD50 oral	> 500 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

Sulphonic acids, C14-17-sec-alkane, sodium salts (97489-15-1)

LD50 oral	> 500 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight

acetic acid (64-19-7)

LD50 oral rat	3310 mg/kg bodyweight
LD50 dermal	1060 mg/kg bodyweight

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
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)

Sodium laurylether (2 EO) sulphate (68891-38-3)

NOAEL (oral, rat, 90 days)	> 225 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
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DIPHENYL ETHER (101-84-8)

NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight
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acetic acid (64-19-7)

NOAEL (oral, rat, 90 days)	290 mg/kg bodyweight Animal: rat, Animal sex: male
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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
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Viscosity, kinematic	780,488 mm ² /s
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acetic acid (64-19-7)

Viscosity, kinematic	0,996 mm ² /s
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

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Sodium laurylether (2 EO) sulphate (68891-38-3)	
LC50 - Fish [1]	7,1 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	7,2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	27 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	0,27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0,14 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d'

DIPHENYL ETHER (101-84-8)	
LC50 - Fish [1]	4,2 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	1,96 mg/l Test organisms (species): Daphnia magna

Sulphonic acids, C14-17-sec-alkane, sodium salts (97489-15-1)	
LC50 - Fish [1]	> 1 mg/l
EC50 - Other aquatic organisms [1]	9,81 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 61 mg/l
EC50 72h - Algae [1]	> 61 mg/l OECD 201
NOEC chronic fish	0,85 mg/l OECD 204
NOEC chronic crustacea	0,36 mg/l OECD 202
NOEC chronic algae	600 mg/l DIN 38412 T.8

acetic acid (64-19-7)	
LC50 - Fish [2]	> 300,82 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	> 300,82 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Skeletonema costatum
EC50 72h - Algae [2]	> 300,82 mg/l Test organisms (species): Skeletonema costatum

12.2. Persistence and degradability

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Persistence and degradability	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.

Sodium laurylether (2 EO) sulphate (68891-38-3)	
Persistence and degradability	Rapidly degradable

Isotridecanol, ethoxylated (8 EO) (9043-30-5)	
Persistence and degradability	Rapidly degradable

2-methylisothiazol-3(2H)-one (2682-20-4)	
Persistence and degradability	Rapidly degradable

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DIPHENYL ETHER (101-84-8)

Persistence and degradability	Rapidly degradable
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Sulphonic acids, C14-17-sec-alkane, sodium salts (97489-15-1)

Persistence and degradability	Rapidly degradable
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Chemical oxygen demand (COD)	2,065 mg/g
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Biodegradation	96,2 % OESO 303A
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acetic acid (64-19-7)

Persistence and degradability	Rapidly degradable
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12.3. Bioaccumulative potential

Sodium laurylether (2 EO) sulphate (68891-38-3)

Partition coefficient n-octanol/water (Log Pow)	0,3
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acetic acid (64-19-7)

Partition coefficient n-octanol/water (Log Pow)	-0,2
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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

No additional information available

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.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Empty containers can be dumped after cleaning according to local legislation. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.
Ecological waste information	: Avoid release to the environment.
European List of Waste (LoW, EC 2000/532)	: 20 01 29* - detergents containing dangerous substances
HP Code	: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

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 applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	IATA	ADN	RID
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				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

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)

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Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Detergent Regulation (648/2004)

Allergenic fragrances > 0.01 %:

Benzyl Salicylate
Hexyl Cinnamal
Terpineol

Labelling of contents	
Component	%
anionic surfactants, non-ionic surfactants	<5%
Benzisothiazolinone	
Methylisothiazolinone	
perfumes	
Benzyl Salicylate	
Hexyl Cinnamal	
Terpineol	

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)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Revision date	Modified
	Supersedes	Modified
1.1	UFI on SDS 1.1	Added
1.2	Main use category	Modified
1.2	Function or use category	Removed
1.2	Use of the substance/mixture	Modified
8.2	Respiratory protection	Modified
8.2	Eye protection	Modified
8.2	Skin and body protection	Modified
9	Concentration of the solution used for the pH measurement	Added

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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Abbreviations and acronyms:	
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
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
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 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.
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. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3

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Full text of H- and EUH-statements:	
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 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
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
H226	Flammable liquid and vapour.
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

The classification complies with : ATP 12

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.