

Dweilzeep DesignTegels

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Issue date: 18-1-2023 Revision date: 18-1-2023 Supersedes version of: 22-1-2020 Version: 9.0

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

1.1. Product identifier

Product form : Mixture
Name : Dweilzeep DesignTegels
UFI : 1QPX-Q7WU-6E05-1CCH
Product code : 4600.0_68012RV54
Type of product : Detergent
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
Industrial/Professional use spec : A.I.S.E. Guidance on Detergents Safe Use Mixture Information (SUMI):
<https://www.aise.eu/our-activities/regulatory-context/reach/safe-use-information-for-end-users.aspx>
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 : Cleaner
Floor cleaner.
Function or use category : Cleaning/washing agents and additives

Title	Use descriptors
Professional uses - Treatment of articles by dipping, soaking or pouring (Association ref code: AISE_SUMI_PW_13_2)	SU22, PC35, PROC13, ERC8a, AISE SPERC 8a.1.a.v2
Professional uses; Manual application (Association ref code: AISE_SUMI_PW_19_1)	SU22, PC35, PROC19, ERC8a, AISE SPERC 8a.1.a.v2
Professional uses; Brushing after trigger spraying or brushing with tools (Association ref code: AISE_SUMI_PW_10_1)	SU22, PC35, PROC10, ERC8a, AISE SPERC 8a.1.a.v2
Transfer of product via a dedicated system (bottle/machine) (Association ref code: AISE_SUMI_PW_8a_2_G)	SU22, PC35, PROC8b, ERC8a, AISE SPERC 8a.1.a.v2
Consumer use of washing and cleaning products	SU21, PC35, 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 the safety data sheet

Design Tegels
Duurstedelaan 1
NL- 3525 AM Utrecht
Nederland
T +31 (0) 85 3001111
info@designtegels.nl

1.4. Emergency telephone number

Emergency number : See Section 1.3; Only during office hours

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Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9	+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	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090	+356 2545 6508	
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 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

: SODIUM DODECYLBENZENESULFONATE; TRIDECETH-8; COCAMIDE DEA

Hazard statements (CLP)

: H318 - Causes serious eye damage.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.

P280 - Wear eye protection.

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 POISON CENTER, a doctor.

EUH-statements

: EUH208 - Contains METHYLCHLOROISOTHIAZOLINONE. May produce an allergic reaction.

Intended for general public

Child-resistant fastening

: Not applicable

Tactile warning

: Not applicable

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions. The information in this section applies to the undiluted product.

Contains no PBT/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 %

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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]
Sodiummalkyl(C10-13)benzenesulfonate (INCI: SODIUM DODECYLBENZENESULFONATE)	CAS-No.: 68411-30-3 EC-No.: 270-115-0 REACH-no: 01-2119489428-22	5 – 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Potassiumoleate (INCI: POTASSIUM OLEATE)	CAS-No.: 143-18-0 EC-No.: 205-590-5	1 – 5	Eye Irrit. 2, H319
Alcohol(C13)EO(>5-10) (Isotridecanol ethoxylated) (Polymer) (INCI: TRIDECETH-8)	CAS-No.: 24938-91-8 EC-No.: 607-463-3	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Amides, C8-18 and C18-unsatd., N, N-bis(hydroxyethyl) (INCI: COCAMIDE DEA)	CAS-No.: 68603-42-9 EC-No.: 271-657-0	1 – 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Sodium hydroxide (INCI: SODIUM HYDROXIDE) substance with national workplace exposure limit(s) (GB, IE)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	≤ 0,1	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
Phenylether (INCI: DIPHENYL ETHER) substance with national workplace exposure limit(s) (GB, IE); substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545-33	≤ 0,1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) substance with national workplace exposure limit(s) (GB, IE)	CAS-No.: 76-22-2 EC-No.: 200-945-0 REACH-no: 01-2119966156-31	< 0,1	Flam. Sol. 2, H228 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 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)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium hydroxide (INCI: SODIUM HYDROXIDE)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0,5 ≤C < 2) Eye Irrit. 2, H319 (0,5 ≤C < 2) Skin Irrit. 2, H315 (2 ≤C < 5) Skin Corr. 1B, H314 (5 ≤C < 100) Skin Corr. 1A, H314

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
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

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	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation	: Inhalation unlikely. Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: The product is not considered to be irritating to the skin. May cause slight irritation to the skin. May cause an allergic skin reaction. Redness. Itching.
Symptoms/effects after eye contact	: Risk of serious damage to eyes. Blurred vision. Burning sensation. Redness, pain.
Symptoms/effects after ingestion	: May cause 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).

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.
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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	: Concerning personal protective equipment to use, see section 8. Material spilled on hard surface can present a serious slipping/falling hazard.
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6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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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. Dispose of in accordance with relevant local regulations. Wash away remainder with plenty of water.

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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)	
Ireland - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL STEL	2 mg/m ³
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m ³
Regulatory reference	EH40. HSE

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Phenylether (INCI: DIPHENYL ETHER) (101-84-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Diphenyl ether
IOEL TWA	7 mg/m ³
IOEL TWA [ppm]	1 ppm
IOEL STEL	14 mg/m ³
IOEL STEL [ppm]	2 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
Ireland - Occupational Exposure Limits	
Local name	Diphenyl ether (vapour)
OEL TWA [1]	7 mg/m ³
OEL TWA [2]	1 ppm
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016
United Kingdom - Occupational Exposure Limits	
Local name	Diphenyl ether
WEL TWA (OEL TWA) [1]	7,1 mg/m ³ vapour
WEL TWA (OEL TWA) [2]	1 ppm vapour
Regulatory reference	EH40. HSE
Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)	
Ireland - Occupational Exposure Limits	
Local name	Bornan-2-one
OEL TWA [1]	12 mg/m ³
OEL TWA [2]	2 ppm
OEL STEL	18 mg/m ³
OEL STEL [ppm]	3 ppm
Regulatory reference	Code of Practice for the Chemical Agents Regulations 2016
United Kingdom - Occupational Exposure Limits	
Local name	Bornan-2-one
WEL TWA (OEL TWA) [1]	13 mg/m ³
WEL TWA (OEL TWA) [2]	2 ppm
WEL STEL (OEL STEL)	19 mg/m ³
WEL STEL (OEL STEL) [ppm]	3 ppm
Regulatory reference	EH40. HSE

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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8.1.4. DNEL and PNEC

Dweilzeep DesignTegels	
DNEL/DMEL (additional information)	
See http	//www.dguv.de/ifa/de/gestis/limit_values/index.jsp: Information on ingredients.
Sodiumalkyl(C10-13)benzenesulfonate (INCI: SODIUM DODECYLBENZENESULFONATE) (68411-30-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	170 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	12 mg/m ³
Long-term - local effects, inhalation	12 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, inhalation	3 mg/m ³
Long-term - systemic effects, dermal	85 mg/kg bodyweight/day
Long-term - local effects, inhalation	3 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0,268 mg/l
PNEC aqua (marine water)	0,0268 mg/l
PNEC aqua (intermittent, freshwater)	0,0167 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	8,1 mg/kg dwt
PNEC sediment (marine water)	8,1 mg/kg dwt
PNEC (Soil)	
PNEC soil	35 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	3,43 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:

Avoid contact with skin, eyes and clothing. Avoid all unnecessary exposure. Eye protection. eye protection.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Wear eye/face protection. Chemical goggles or safety glasses. Standard. EN 166

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8.2.2.2. Skin protection

Skin and body protection:

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

Hand protection:

None under normal use. In case of repeated or prolonged contact wear gloves. protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Disposable gloves / Reusable gloves. Time of penetration is to be checked with the glove producer

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves / Reusable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	2 (> 30 minutes)	> 0.1 mm		EN 374-3

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	: Green.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: ≥ 100 °C
Flammability	: Non flammable.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 60 °C Not applicable (aqueous non combustible product)
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 10 (20°C)
Viscosity, kinematic	: $\approx 127,451$ mm ² /s
Viscosity, dynamic	: ≈ 130 (visc. Sec.Dincup 4, 20°C)
Solubility	: Material highly soluble in water. completely soluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1,02 g/cm ³ (20 °C)
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

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9.2.2. Other safety characteristics

VOC content : 14,1 g/l (1.4 %)

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

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Not established.

10.6. Hazardous decomposition products

Thermal decomposition generates : 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

Sodiumalkyl(C10-13)benzenesulfonate (INCI: SODIUM DODECYLBENZENESULFONATE) (68411-30-3)	
LD50 oral rat	1080 mg/kg (OECD 401)
LD50 dermal	> 2000 mg/kg bodyweight
Alcohol(C13)EO(>5-10) (Isotridecanol ethoxylated) (Polymer) (INCI: TRIDECETH-8) (24938-91-8)	
LD50 oral rat	500 – 2000 mg/kg
Amides, C8-18 and C18-unsatd., N, N-bis(hydroxyethyl) (INCI: COCAMIDE DEA) (68603-42-9)	
LD50 oral rat	> 2000 mg/kg
LD50 oral	> 10000 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg
LD50 dermal	> 10000 mg/kg bodyweight
Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)	
LD50 oral rat	> 500 mg/kg (Rabbit)
Phenylether (INCI: DIPHENYL ETHER) (101-84-8)	
LD50 oral rat	8143 mg/kg
LD50 dermal rabbit	7940 mg/kg

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Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)	
LD50 oral	1310 mg/kg
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/m³
Skin corrosion/irritation	: Not classified pH: 10 (20°C)
Additional information	: Based on available data, the classification criteria are not met
Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)	
pH	> 14 > 14 (20 °C)
Serious eye damage/irritation	: Causes serious eye damage. pH: 10 (20°C)
Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)	
pH	> 14 > 14 (20 °C)
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
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)	
STOT-single exposure	May cause damage to organs.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Dweilzeep DesignTegels	
Viscosity, kinematic	≈ 127,451 mm²/s

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

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.

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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

Sodiumalkyl(C10-13)benzenesulfonate (INCI: SODIUM DODECYLBENZENESULFONATE) (68411-30-3)	
LC50 - Fish [1]	1,67 mg/l
EC50 - Other aquatic organisms [1]	2,9 mg/l EC50 waterflea (48 h)
EC50 - Other aquatic organisms [2]	127,9 mg/l IC50 alga (72 h) mg/l
LOEC (chronic)	1,2 mg/l (Fish, 90d)
NOEC chronic fish	0,63 (90d)
Alcohol(C13)EO(>5-10) (Isotridecanol ethoxylated) (Polymer) (INCI: TRIDECETH-8) (24938-91-8)	
LC50 - Fish [1]	7,5 mg/l (96h, Lepomis macrochirus)
LC50 - Fish [2]	12 mg/l (96h, Brachydanio rerio)
EC50 - Crustacea [1]	4,7 mg/l (48h)
EC50 72h - Algae [1]	17 mg/l (72h, Scenedesmus subspicatus)
Amides, C8-18 and C18-unsatd., N, N-bis(hydroxyethyl) (INCI: COCAMIDE DEA) (68603-42-9)	
LC50 - Fish [1]	1 – 10 mg/l (96h, Brachydanio rerio)
LC50 - Fish [2]	2,4 mg/l (96h)
LC50 - Other aquatic organisms [1]	6 g/l (EC50/LC50, bacteriaceae)
EC50 - Crustacea [1]	3,2 mg/l (48h)
EC50 - Other aquatic organisms [1]	1,2 mg/l EC50 waterflea (48 h)
EC50 - Other aquatic organisms [2]	5,6 mg/l IC50 alga (72 h) mg/l
EC50 72h - Algae [1]	3,9 mg/l (72h)
Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)	
LC50 - Fish [1]	33 – 189 mg/l (96h)
LC50 - Fish [2]	189 (48h, Leuciscus idus, OECD 203) 125 mg/l (Gambusia affinis; 96 h) 145 mg/l (Poecilia reticulata; 24 h)
LC50 - Other aquatic organisms [1]	45,5 mg/l (LC50, fish, Oncorhynchus mykiss)
EC50 - Crustacea [1]	33 – 450 (48h)
EC50 - Crustacea [2]	40,4 mg/l (48h, Ceriodaphnia sp.)
EC50 - Other aquatic organisms [1]	> 33 mg/l EC50 waterflea (48 h)
Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)	
LC50 - Fish [1]	17 mg/l (96h)

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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

12.2. Persistence and degradability

Dweilzeep DesignTegels	
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.

Potassiumoleate (INCI: POTASSIUM OLEATE) (143-18-0)	
Persistence and degradability	Readily biodegradable.

Alcohol(C13)EO(>5-10) (Isotridecanol ethoxylated) (Polymer) (INCI: TRIDECETH-8) (24938-91-8)	
Persistence and degradability	Readily biodegradable.

Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)	
Biodegradation	77 % (28d, OECD 301F)

12.3. Bioaccumulative potential

Dweilzeep DesignTegels	
Bioaccumulative potential	Not established.

Sodiumalkyl(C10-13)benzenesulfonate (INCI: SODIUM DODECYLBENZENESULFONATE) (68411-30-3)	
Partition coefficient n-octanol/water (Log Kow)	2,02

Potassiumoleate (INCI: POTASSIUM OLEATE) (143-18-0)	
Partition coefficient n-octanol/water (Log Pow)	3,92

Alcohol(C13)EO(>5-10) (Isotridecanol ethoxylated) (Polymer) (INCI: TRIDECETH-8) (24938-91-8)	
Partition coefficient n-octanol/water (Log Kow)	3,89

Amides, C8-18 and C18-unsatd., N, N-bis(hydroxyethyl) (INCI: COCAMIDE DEA) (68603-42-9)	
Partition coefficient n-octanol/water (Log Kow)	2,89

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Sodium hydroxide (INCI: SODIUM HYDROXIDE) (1310-73-2)

Partition coefficient n-octanol/water (Log Kow)	-3,88
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Phenylether (INCI: DIPHENYL ETHER) (101-84-8)

Partition coefficient n-octanol/water (Log Kow)	4,21
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Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl- (INCI: CAMPHOR) (76-22-2)

Partition coefficient n-octanol/water (Log Pow)	2,38
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Partition coefficient n-octanol/water (Log Kow)	3,04
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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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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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: 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 : Chemical refuse, Dispose as hazardous waste. 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. Wash away remainder with plenty of water.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

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
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

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ADR	IMDG	IATA	ADN	RID
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

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)

VOC Directive (2004/42)

VOC content : 14,1 g/l (1.4 %)

Detergent Regulation (648/2004/EC)

Allergenic fragrances > 0.01 %:

Geraniol (INCI: GERANIOL)

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Labelling of contents	
Component	%
anionic surfactants	5-15%
soap, non-ionic surfactants	<5%
2-BROMO-2-NITROPROPANE-1,3-DIOL	
METHYLCHLOROISOTHIAZOLINONE	
METHYLISOTHIAZOLINONE	
perfumes	
GERANIOL	

Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Sodium nitrate	7631-99-4	3102 50 00	ex 3824 99 96

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

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

No chemical safety assessment has been carried out

Raw materials information section 3.

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

Health hazards

See Section 2 & 3 & 11.

Physical hazards

See Section 2 & 10.

Environmental hazards

See Section 2 & 3 & 12.

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	SDS Ref.	Modified	
	Supersedes	Modified	
	Revision date	Modified	
	Issue date	Modified	
	Version	Modified	Major
	Safety Data Sheet	Modified	SDS EU format according to COMMISSION REGULATION (EU) 2020/878

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Indication of changes			
Section	Changed item	Change	Comments
1.2	Industrial/Professional use spec	Added	
3	Composition/information on ingredients	Modified	
8.2	Personal protective equipment	Modified	
13.1	Waste disposal recommendations	Modified	
15.1	Detergent Regulation : Labelling of contents	Modified	Major
16	Abbreviations and acronyms	Modified	
16	Data sources	Modified	

Abbreviations and acronyms:	
	ABM: Algemene Bepoortings Methodiek (NL) / ADR: Accord Européen relatif au transport international des marchandises dangereuses par route / ALG: Allergen / AQT: 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
LD50	Median lethal dose

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Abbreviations and acronyms:	
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. 648/2004 of 31 March 2004 on detergents.
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. 3 (Dermal)	Acute toxicity (dermal), 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 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains METHYLCHLOROISOTHIAZOLINONE. 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
Flam. Sol. 2	Flammable solids, Category 2
H228	Flammable solid.
H290	May be corrosive to metals.

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Full text of H- and EUH-statements:	
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.
H332	Harmful if inhaled.
H371	May cause damage to organs.
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.
Met. Corr. 1	Corrosive to metals, Category 1
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. 1	Skin sensitisation, Category 1
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2

Full text of use descriptors	
AISE SPERC 8a.1.a.v2	Wide Dispersive Use in 'Down the Drain' cleaning and maintenance products (Consumers and Professionals)
ERC8a	Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
PC35	Washing and cleaning products
PROC10	Roller application or brushing
PROC13	Treatment of articles by dipping and pouring
PROC19	Manual activities involving hand contact
PROC8b	Transfer of substance or mixture (charging and discharging) at 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

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.