Safety Data Sheet

According to Regulation (EC) No 1907/2006

Omo Professional Active Clean

Revision: 2024-12-06 **Version:** 07.0

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

1.1 Product identifier

Trade name: Omo Professional Active Clean

Omo is a registered trade mark and is used under licence of Unilever

UFI: 2J9K-11AT-Q00T-U9AE

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

Product use: Laundry detergent.

Uses advised against: Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description :
AISE_SWED_PW_8a_1
PC35-Washing and cleaning products
AISE_SWED_PW_1_1
AISE_SWED_PW_4_1
AISE_SWED_PW_19_1
PC35-Washing and cleaning products

1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssenbroeksedijk 2, 3542DN Utrecht], The Netherlands

Contact details
Diversey B.V.
De Corridor 4, 3621ZB Breukelen
[Maarssenbroeksedijk 2, 3542 DN Utrecht]
Tel: 030-2476911
E-mail: MSDS.JD-NL@solenis.com

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible).
Bij acute vergiftigingen kunnen professionele hulpverleners advies inwinnen bij het NVIC, Tel: 088 755 8000.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Eye irritation, Category 2 (H319)
Skin sensitisation, Category 1 (H317)
Chronic aquatic toxicity, Category 3 (H412)

2.2 Label elements

Signal word: Warning.

Contains 2-methyl-2H-isothiazol-3-one (Methylisothiazolinone), 3(2H)-Isothiazolone, 2-octyl- (Octylisothiazolinone)

Hazard statements:
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P280 - Wear protective gloves.
P501 - Dispose of unused content as chemical waste.

Further indications on the label:
Contains: preservative.

2.3 Other hazards
No other hazards known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
C12-14 alcohols, ethoxylated (7EO)	[4]	68439-50-9	[4]	Acute toxicity - Oral, Category 4 (H302) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)		3-10
C12-14 alcohols, ethoxylated (3EO)	[4]	68439-50-9	[4]	Eye irritation, Category 2 (H319) Acute aquatic toxicity, Category 1 M=1 (H400) Chronic aquatic toxicity, Category 3 (H412)		1-3
sodium alkylbenzenesulphonate	270-115-0	68411-30-3	01-2119489428-22	Acute toxicity - Oral, Category 4 (H302) Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318) Chronic aquatic toxicity, Category 3 (H412)		1-3
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	[4]	68891-38-3	[4]	Skin irritation, Category 2 (H315) Serious eye damage, Category 1 (H318)		1-3
Triethanolamine dodecylbenzenesulfonate	248-406-9	27323-41-7	-	Acute toxicity - Oral, Category 3 (H301) Skin irritation, Category 2 (H315) Eye irritation, Category 2 (H319)		1-3
methanol	200-659-6	67-56-1	-	Flammable liquids, Category 2 (H225) Acute toxicity - Oral, Category 3 (H301) Acute toxicity - Dermal, Category 3 (H311) Acute toxicity - Inhalation, Category 3 (H331) Specific target organ toxicity - Single exposure, Category 1 (H370)		0.1-1
3(2H)-Isothiazolone, 2-octyl-	247-761-7	26530-20-1	-	Acute toxicity - Inhalation, Category 2 (H330) Acute toxicity - Oral, Category 3 (H301) Acute toxicity - Dermal, Category 3 (H311) Skin corrosion, Category 1B (H314) Serious eye damage, Category 1 (H318) Skin sensitisation, Sub-category 1A (H317) Acute aquatic toxicity, Category 1 M=100 (H400) Chronic aquatic toxicity, Category 1 M=100 (H410)		0.01-0.1
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	[6]	Acute toxicity - Inhalation, Category 2 (H330) Acute toxicity - Oral, Category 3 (H301) Acute toxicity - Dermal, Category 3 (H311) Skin corrosion, Category 1B (H314) EUH071 Serious eye damage, Category 1 (H318) Skin sensitisation, Sub-category 1A (H317) Acute aquatic toxicity, Category 1 M=10 (H400) Chronic aquatic toxicity, Category 1 M=1 (H410)		0.01-0.1

Specific concentration limits
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts:
• Serious eye damage, Category 1 (H318) >= 10% > Eye irritation, Category 2 (H319) >= 5%
3(2H)-Isothiazolone, 2-octyl-:
• Skin sensitisation, Category 1 (H317) >= 0.0015%
2-methyl-2H-isothiazol-3-one:
• Skin sensitisation, Category 1 (H317) >= 0.0015%

Workplace exposure limit(s), if available, are listed in subsection 8.1.
ATE, if available, are listed in section 11.
[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.
[6] Exempted: biocidal active. See Article 15(2) of Regulation (EC) No 1907/2006.
For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

SECTION 4: First aid measures

4.1 Description of first aid measures

General Information: Symptoms of intoxication may even occur after several hours. It is recommended to continue medical observation for at least 48 hours after the incident.

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.

Eye contact: Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove

	contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.
Ingestion:	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
Self-protection of first aider:	Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:	No known effects or symptoms in normal use.
Skin contact:	May cause an allergic skin reaction.
Eye contact:	Causes severe irritation.
Ingestion:	No known effects or symptoms in normal use.

4.3 Indication of any immediate medical attention and special treatment needed
No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture
No special hazards known.

5.3 Advice for firefighters
As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear suitable gloves.

6.2 Environmental precautions
Dilute with plenty of water. Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

6.3 Methods and material for containment and cleaning up
Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections
For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Measures to prevent fire and explosions:
No special precautions required.

Measures required to protect the environment:
For environmental exposure controls see subsection 8.2.

Advice on general occupational hygiene:
Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. Keep out of reach of children.
For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)
No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Air limit values, if available:

Ingredient(s)	Long term value(s)	Short term value(s)	Ceiling value(s)
methanol	100 ppm 133 mg/m³		

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values

Human exposure

DNEL/DMEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	-	-	-	0.425
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	-	8	-	4
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	0.027

DNEL/DMEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	-	-	-	119
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	No data available	40	No data available	40
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

DNEL/DMEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	-	-	-	42.5
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	No data available	8	No data available	8
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

DNEL/DMEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	-	-	-	6
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	260	260	260	260
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

DNEL/DMEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	-	-	-	1.5
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available

Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	50	50	50	50
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	0.268	0.0268	0.0167	3.43
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	154	15.4	1540	100
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
C12-14 alcohols, ethoxylated (7EO)	No data available	No data available	No data available	No data available
C12-14 alcohols, ethoxylated (3EO)	-	-	-	-
sodium alkylbenzenesulphonate	8.1	6.8	35	-
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available	No data available	No data available	No data available
Triethanolamine dodecylbenzenesulfonate	No data available	No data available	No data available	No data available
methanol	570.4	-	23.5	-
3(2H)-Isothiazolone, 2-octyl-	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.
If available, please refer to the product information sheet for application and handling instructions.
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

REACH use scenarios considered for the undiluted product:

	SWED - Sector-specific worker exposure description	LCS	PROC	Duration (min)	ERC
PC35-Washing and cleaning products	PC35-Washing and cleaning products	C		-	ERC8a
Manual transfer and dilution	AISE_SWED_PW_8a_1	PW	PROC 8a	60	ERC8a

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 16321).

Hand protection: Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.
Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm
Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm
In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 1

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: No special requirements under normal use conditions.

REACH use scenarios considered for the diluted product:

	SWED	LCS	PROC	Duration (min)	ERC
PC35-Washing and cleaning products	PC35-Washing and cleaning products	C	-	-	ERC8a
Automatic application in a dedicated closed system	AISE_SWED_PW_1_1	PW	PROC 1	480	ERC8a
Manual application	AISE_SWED_PW_19_1	PW	PROC 19	480	ERC8a
Automatic application in a dedicated system	AISE_SWED_PW_4_1	PW	PROC 4	480	ERC8a

Personal protective equipment
Eye / face protection: No special requirements under normal use conditions.
Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
Body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical state: Liquid
Colour: Hazy , Dark , Blue
Odour: Product specific
Odour threshold: Not applicable
Melting point/freezing point (°C): Not determined — Not relevant to classification of this product
Initial boiling point and boiling range (°C): Not determined — See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
C12-14 alcohols, ethoxylated (7EO)	No data available		
C12-14 alcohols, ethoxylated (3EO)	No data available		
sodium alkylbenzenesulphonate	No data available		
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available		
Triethanolamine dodecylbenzenesulfonate	No data available		
methanol	No data available		
3(2H)-Isothiazolone, 2-octyl-	No data available		
2-methyl-2H-isothiazol-3-one	No data available		

Method / remark

Flammability (solid, gas): Not applicable to liquids
Flammability (liquid): Not flammable.
Flash point (°C): > 93 °C — closed cup
Sustained combustion: Not applicable.
(UN Manual of Tests and Criteria, section 32, L.2)
Lower and upper explosion limit/flammability limit (%): Not determined

Substance data, flammability or explosive limits, if available:

Method / remark

Autoignition temperature: Not determined
Decomposition temperature: Not applicable.
pH: Not applicable — ISO 4316
Dilution pH: ≈ 8 (1 %) — ISO 4316
Kinematic viscosity: Not determined — DM-006 Viscosity - Standard
Solubility in / Miscibility with water: Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
C12-14 alcohols, ethoxylated (7EO)	Soluble	Method not given	
C12-14 alcohols, ethoxylated (3EO)	Insoluble		

sodium alkylbenzenesulphonate	> 250		
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available		
Triethanolamine dodecylbenzenesulfonate	No data available		
methanol	No data available		
3(2H)-Isothiazolone, 2-octyl-	No data available		
2-methyl-2H-isothiazol-3-one	No data available		

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

Vapour pressure: Not determined — See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
C12-14 alcohols, ethoxylated (7EO)	No data available		
C12-14 alcohols, ethoxylated (3EO)	No data available		
sodium alkylbenzenesulphonate	No data available		
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available		
Triethanolamine dodecylbenzenesulfonate	No data available		
methanol	No data available		
3(2H)-Isothiazolone, 2-octyl-	No data available		
2-methyl-2H-isothiazol-3-one	No data available		

Method / remark

Relative density: ≈ 1.02 (20 °C) — OECD 109 (EU A.3)
Relative vapour density: No data available. — Not relevant to classification of this product
Particle characteristics: No data available. — Not applicable to liquids.

9.2 Other information
9.2.1 Information with regard to physical hazard classes
Explosive properties: Not explosive. Vapours may form explosive mixtures with air.
Oxidising properties: Not oxidising.
Corrosion to metals: Not corrosive

9.2.2 Other safety characteristics
No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability
Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid
None known under normal storage and use conditions.

10.5 Incompatible materials
None known under normal use conditions.

10.6 Hazardous decomposition products
None known under normal storage and use conditions.

SECTION 11: Toxicological information

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

Mixture data: .

Relevant calculated ATE(s):
ATE - Oral (mg/kg): >2000
ATE - Dermal (mg/kg): >2000

ATE - Inhalatory, vapours (mg/l): >20

Eye irritation and corrosivity
Result: Eye irritant 2 **Method:** Weight of evidence

Substance data, where relevant and available, are listed below:.

Acute toxicity
Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Oral (mg/kg)
C12-14 alcohols, ethoxylated (7EO)	LD_{50}	> 300 - 2000	Rat	Read across		Not established
C12-14 alcohols, ethoxylated (3EO)	LD_{50}	> 5000	Rat	OECD 401 (EU B.1)		Not established
sodium alkylbenzenesulphonate	LD_{50}	1080	Rat	OECD 401 (EU B.1)		1080
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	LD_{50}	> 2000				Not established
Triethanolamine dodecylbenzenesulfonate		No data available	Rabbit			4199
methanol		No data available				Not established
3(2H)-Isothiazolone, 2-octyl-		No data available				125
2-methyl-2H-isothiazol-3-one	LD_{50}	120	Rat	OECD 401 (EU B.1)		120

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)	ATE Dermal (mg/kg)
C12-14 alcohols, ethoxylated (7EO)	LD_{50}	> 2000	Rabbit	Method not given		Not established
C12-14 alcohols, ethoxylated (3EO)		No data available				Not established
sodium alkylbenzenesulphonate	LD_{50}	> 2000	Rat	OECD 402 (EU B.3)		Not established
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				Not established
Triethanolamine dodecylbenzenesulfonate		No data available				Not established
methanol		No data available				Not established
3(2H)-Isothiazolone, 2-octyl-		No data available				311
2-methyl-2H-isothiazol-3-one	LD_{50}	242	Rat	OECD 402 (EU B.3)	24 hours	242

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
C12-14 alcohols, ethoxylated (7EO)		No data available			
C12-14 alcohols, ethoxylated (3EO)		No data available			
sodium alkylbenzenesulphonate		No data available			
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available			
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-		No data available			
2-methyl-2H-isothiazol-3-one	LC_{50}	(mist) 0.11	Rat	OECD 403 (EU B.2)	4 hours

Acute inhalative toxicity, continued

Ingredient(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapour (mg/l)	ATE - inhalation, gas (mg/l)
C12-14 alcohols, ethoxylated (7EO)	Not established	Not established	Not established	Not established
C12-14 alcohols, ethoxylated (3EO)	Not established	Not established	Not established	Not established
sodium alkylbenzenesulphonate	Not established	Not established	Not established	Not established
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	Not established	Not established	Not established	Not established
Triethanolamine dodecylbenzenesulfonate	Not established	Not established	Not established	Not established
methanol	Not established	Not established	Not established	Not established
3(2H)-Isothiazolone, 2-octyl-	Not established	Not established	Not established	Not established
2-methyl-2H-isothiazol-3-one	Not established	0.11	Not established	Not established

Irritation and corrosivity
Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
C12-14 alcohols, ethoxylated (7EO)	Not irritant		Read across	
C12-14 alcohols, ethoxylated (3EO)	Not irritant			
sodium alkylbenzenesulphonate	Irritant	Rabbit	OECD 404 (EU B.4)	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	Irritant			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	Corrosive			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
C12-14 alcohols, ethoxylated (7EO)	Severe damage	Rabbit	Read across	
C12-14 alcohols, ethoxylated (3EO)	Irritant			
sodium alkylbenzenesulphonate	Corrosive	Rabbit	OECD 405 (EU B.5)	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	Severe damage			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
C12-14 alcohols, ethoxylated (7EO)	No data available			
C12-14 alcohols, ethoxylated (3EO)	No data available			
sodium alkylbenzenesulphonate	Not irritating to respiratory tract			
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
C12-14 alcohols, ethoxylated (7EO)	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
C12-14 alcohols, ethoxylated (3EO)	No data available			
sodium alkylbenzenesulphonate	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	Sensitising	Guinea pig		

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
C12-14 alcohols, ethoxylated (7EO)	No data available			
C12-14 alcohols, ethoxylated (3EO)	No data available			
sodium alkylbenzenesulphonate	No data available			
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	No data available			

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
C12-14 alcohols, ethoxylated (7EO)	No evidence for mutagenicity, negative test results	Read across	No data available	
C12-14 alcohols, ethoxylated (3EO)	No data available		No data available	
sodium alkylbenzenesulphonate	No evidence for mutagenicity, negative	OECD 471 (EU	No data available	

	test results	B.12/13) OECD 476 OECD 473		
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available		No data available	
Triethanolamine dodecylbenzenesulfonate	No data available		No data available	
methanol	No data available		No data available	
3(2H)-Isothiazolone, 2-octyl-	No data available		No data available	
2-methyl-2H-isothiazol-3-one	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	

Carcinogenicity

Ingredient(s)	Effect
C12-14 alcohols, ethoxylated (7EO)	No data available
C12-14 alcohols, ethoxylated (3EO)	No data available
sodium alkylbenzenesulphonate	No data available
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available
Triethanolamine dodecylbenzenesulfonate	No data available
methanol	No data available
3(2H)-Isothiazolone, 2-octyl-	No data available
2-methyl-2H-isothiazol-3-one	No data available

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
C12-14 alcohols, ethoxylated (7EO)			No data available				
C12-14 alcohols, ethoxylated (3EO)			No data available				
sodium alkylbenzenesulphonate	NOAEL	Teratogenic effects	300	Rat	Non guideline test		No known significant effects or critical hazards
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts			No data available				
Triethanolamine dodecylbenzenesulfonate			No data available				
methanol			No data available				
3(2H)-Isothiazolone, 2-octyl-			No data available				
2-methyl-2H-isothiazol-3-one			No data available				

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
C12-14 alcohols, ethoxylated (7EO)		No data available				
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate		No data available				
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				
Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
C12-14 alcohols, ethoxylated (7EO)		No data available				
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate		No data available				
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				

Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
C12-14 alcohols, ethoxylated (7EO)		No data available				
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate		No data available				
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				
Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
C12-14 alcohols, ethoxylated (7EO)			No data available					
C12-14 alcohols, ethoxylated (3EO)			No data available					
sodium alkylbenzenesulphonate			No data available					
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts			No data available					
Triethanolamine dodecylbenzenesulfonate			No data available					
methanol			No data available					
3(2H)-Isothiazolone, 2-octyl-			No data available					
2-methyl-2H-isothiazol-3-one			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
C12-14 alcohols, ethoxylated (7EO)	No data available
C12-14 alcohols, ethoxylated (3EO)	No data available
sodium alkylbenzenesulphonate	Not applicable
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available
Triethanolamine dodecylbenzenesulfonate	No data available
methanol	No data available
3(2H)-Isothiazolone, 2-octyl-	No data available
2-methyl-2H-isothiazol-3-one	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
C12-14 alcohols, ethoxylated (7EO)	No data available
C12-14 alcohols, ethoxylated (3EO)	No data available
sodium alkylbenzenesulphonate	Not applicable
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available
Triethanolamine dodecylbenzenesulfonate	No data available
methanol	No data available
3(2H)-Isothiazolone, 2-octyl-	No data available
2-methyl-2H-isothiazol-3-one	No data available

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

Potential adverse health effects and symptoms
Effects and symptoms related to the product, if any, are listed in subsection 4.2.

11.2 Information on other hazards
11.2.1 Endocrine disrupting properties
Endocrine disrupting properties - Human data, if available:

11.2.2 Other information
No other relevant information available.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity
Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
C12-14 alcohols, ethoxylated (7EO)	LC_{50}	> 1 - 10	*Brachydanio rerio*	Read across	96
C12-14 alcohols, ethoxylated (3EO)	LC_{50}	> 1-<10	*Brachydanio rerio*		96
sodium alkylbenzenesulphonate	LC_{50}	1.67	*Fish*	EPA-OPPTS 850.1075	96
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	LC_{50}	7.1	*Fish*	OECD 203 (EU C.1)	96
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-	LC_{50}	0.122			
2-methyl-2H-isothiazol-3-one	LC_{50}	4.77	*Oncorhynchus mykiss*	Similar to OECD 203	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
C12-14 alcohols, ethoxylated (7EO)	EC_{50}	> 1 - 10	*Daphnia magna Straus*	Method not given	48
C12-14 alcohols, ethoxylated (3EO)	EC_{50}	> 0.1-<1	*Daphnia magna Straus*		48
sodium alkylbenzenesulphonate	LC_{50}	2.9	*Daphnia*	OECD 202 (EU C.2)	48
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available			
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-	LC_{50}	0.181			
2-methyl-2H-isothiazol-3-one	LC_{50}	0.93-1.9	*Daphnia magna Straus*	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
C12-14 alcohols, ethoxylated (7EO)	NOEC	> 0.1 - 1	*Not specified*	DIN 38412, Part 9 OECD 201 (EU C.3)	
C12-14 alcohols, ethoxylated (3EO)	NOEC	> 0.1-<1	*Desmodesmus subspicatus*		
sodium alkylbenzenesulphonate	$E_b C_{50}$	47.3	*Not specified*	Non guideline test	72
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available			
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-	EC_{50}	0.15			
2-methyl-2H-isothiazol-3-one	EC_{50}	0.158	*Selenastrum capricornutum*	Method not given	72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
C12-14 alcohols, ethoxylated (7EO)		No data available			
C12-14 alcohols, ethoxylated (3EO)		No data available			
sodium alkylbenzenesulphonate		No data available			
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available			
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-		No data available			
2-methyl-2H-isothiazol-3-one		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
C12-14 alcohols, ethoxylated (7EO)		> 1000	*Activated sludge*	DEV-L2	
C12-14 alcohols, ethoxylated (3EO)	EC_0	> 10000	*Pseudomonas putida*	DIN 38412 / Part 8	
sodium alkylbenzenesulphonate	EC_{50}	550	*Bacteria*	OECD 209	3 hour(s)
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available			
Triethanolamine dodecylbenzenesulfonate		No data available			
methanol		No data available			
3(2H)-Isothiazolone, 2-octyl-		No data available			
2-methyl-2H-isothiazol-3-one	EC_{20}	2.8	*Activated sludge*	OECD 209	3 hour(s)

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
C12-14 alcohols, ethoxylated (7EO)	EC_{50}	10-100	*Not specified*	Method not given	96 hour(s)	
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate	NOEC	0.23	*Oncorhynchus mykiss*	Method not given	72 day(s)	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				
Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
C12-14 alcohols, ethoxylated (7EO)	EC_{50}	10-100	*Not specified*	Method not given	48 hour(s)	
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate	NOEC	1.41	*Daphnia magna*	OECD 211		
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				
Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
C12-14 alcohols, ethoxylated (7EO)		No data available				
C12-14 alcohols, ethoxylated (3EO)		No data available				
sodium alkylbenzenesulphonate		No data available				
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		No data available				
Triethanolamine dodecylbenzenesulfonate		No data available				
methanol		No data available				
3(2H)-Isothiazolone, 2-octyl-		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT_{50}	Method	Evaluation
C12-14 alcohols, ethoxylated (7EO)		CO_2 production	> 60 % in 28 day(s)	OECD 301B	Readily biodegradable
C12-14 alcohols, ethoxylated (3EO)	Activated sludge, aerobe	CO_2 production	> 60 % in 28 day(s)	OECD 301B	Readily biodegradable
sodium alkylbenzenesulphonate	Activated sludge, aerobe	CO_2 production	85 % in 28 day(s)	OECD 301B	Readily biodegradable
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts		CO_2 production	77-79% in 28 day(s)	OECD 301D	Readily biodegradable
Triethanolamine dodecylbenzenesulfonate	Activated sludge, aerobe		69%	OECD 301B	Readily biodegradable
methanol				OECD 301B	Readily biodegradable
3(2H)-Isothiazolone, 2-octyl-				Weight of evidence	Not readily biodegradable.
2-methyl-2H-isothiazol-3-one				Other	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT_{50}	Method	Evaluation
2-methyl-2H-isothiazol-3-one	Surface water (fresh)	Mineralisation rate	> 50 % in 4 day(s)	OECD 309	Biodegradable

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
C12-14 alcohols, ethoxylated (7EO)	No data available		No bioaccumulation expected	

C12-14 alcohols, ethoxylated (3EO)	No data available			
sodium alkylbenzenesulphonate	3.32	Method not given	Low potential for bioaccumulation	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available			
Triethanolamine dodecylbenzenesulfonate	No data available			
methanol	No data available			
3(2H)-Isothiazolone, 2-octyl-	No data available			
2-methyl-2H-isothiazol-3-one	-0.32	OECD 107	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
C12-14 alcohols, ethoxylated (7EO)	No data available				
C12-14 alcohols, ethoxylated (3EO)	No data available				
sodium alkylbenzenesulphonate	2-1000		Method not given	High potential for bioaccumulation	
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available				
Triethanolamine dodecylbenzenesulfonate	No data available				
methanol	No data available				
3(2H)-Isothiazolone, 2-octyl-	No data available				
2-methyl-2H-isothiazol-3-one	3.16		OECD 305		

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
C12-14 alcohols, ethoxylated (7EO)	No data available	≥ 4			Potential for adsorption to soil
C12-14 alcohols, ethoxylated (3EO)	No data available				
sodium alkylbenzenesulphonate	No data available				
Alcohols C12-14, ethoxylated (3EO), sulphated, sodium salts	No data available				
Triethanolamine dodecylbenzenesulfonate	No data available				
methanol	No data available				
3(2H)-Isothiazolone, 2-octyl-	No data available				
2-methyl-2H-isothiazol-3-one	No data available				

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products: The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue: 20 01 29* - detergents containing dangerous substances.

Empty packaging Recommendation: Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number: Non-dangerous goods
14.2 UN proper shipping name: Non-dangerous goods
14.3 Transport hazard class(es): Non-dangerous goods
14.4 Packing group: Non-dangerous goods
14.5 Environmental hazards: Non-dangerous goods
14.6 Special precautions for user: Non-dangerous goods
14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

SECTION 15: Regulatory information

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

EU regulations:
• Regulation (EC) No. 1907/2006 - REACH
• Regulation (EC) No 1272/2008 - CLP
• Regulation (EC) No. 648/2004 - Detergents regulation
• substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605
• Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
• International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to EC Detergents Regulation 648/2004

anionic surfactants	5 - 15 %
non-ionic surfactants, soap, polycarboxylates	< 5 %
perfumes ,Limonene, Citronellol, optical brighteners, Methylisothiazolinone, enzymes, Octylisothiazolinone	

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.

Seveso - Classification: Not classified

General assessment method
ABM Class B(2)

Substance(s) mentioned in the SZW list of carcinogenic, mutagenic or reprotoxic substances, if present:

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS1001849 **Version:** 07.0 **Revision:** 2024-12-06

Reason for revision:
This data sheet contains changes from the previous version in section(s):, 1, 3, 8, 9, 11, 12, 16

Classification procedure
The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

Abbreviations and acronyms:
• AISE - The international Association for Soaps, Detergents and Maintenance Products
• ATE - Acute Toxicity Estimate
• DNEL - Derived No Effect Limit
• EC50 - effective concentration, 50%
• ERC - Environmental release categories
• EUH - CLP Specific hazard statement

- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organisation for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- H225 - Highly 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.
- H331 - Toxic if inhaled.
- H370 - Causes damage to organs.
- 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.
- EUH071 - Corrosive to the respiratory tract.

End of Safety Data Sheet