

Taski Sani 4 in 1 SD

Revision: 2012-09-07

Version 01

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

1.1 Product identifier

Trade name: Taski Sani 4 in 1 SD

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

Identified uses:

For professional use only

AISE-P305 - Sanitary cleaner. Manual process

AISE-P306 - Sanitary cleaner. Spray and wipe manual process

AISE-P314 - Surface disinfectant. Manual process

AISE-P315 - Surface disinfectant. Spray and rinse manual process

Uses advised against Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Diversey Ltd

Contact details

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: MSDSinfoUK@sealedair.com

1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Directive 1999/45/EC and corresponding national legislation.

Indication of danger

Xi - Irritant

Risk phrases:

R41 - Risk of serious damage to eyes.

R38 - Irritating to skin.

2.2 Label elements



Xi - Irritant

Risk phrases:

R41 - Risk of serious damage to eyes.

R38 - Irritating to skin.

Safety phrases:

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 - Wear suitable gloves and eye/face protection.

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

Taski Sani 4 in 1 SD

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
alkyl alcohol ethoxylate	Polymer*	69011-36-5	[4]	Xn; R22-41	Eye Dam. 1 (H318) Acute Tox. 4 (H302)		10-20
methanesulphonic acid	200-898-6	75-75-2	01-2119491166-34	C; R34	Skin Corr. 1B (H314)		3-10
alkyl alcohol ethoxylate	Polymer*	-	[4]	Xn; R22-36/38	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)		3-10
ethanol	200-578-6	64-17-5	No data available	F; R11	Flam. Liq. 2 (H225)		3-10
salicylic acid	200-712-3	69-72-7	01-2119486984-17	Xn; R22-41	Eye Dam. 1 (H318) Acute Tox. 4 (H302)		3-10

* Polymer.

For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

[2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.

[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove from source of exposure. Get medical attention.

Skin contact

Rinse with plenty of water. Take off all contaminated clothing immediately. If irritation develops get medical attention.

Eye contact

Wash off immediately with plenty of water. Get medical attention immediately.

Ingestion

Remove material from mouth. Immediately drink 1-2 glasses of water or milk. Get medical attention.

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

Causes irritation.

Skin contact

Causes irritation.

Eye contact

Causes severe irritation.

Ingestion

Causes irritation.

Sensitisation

No known effects.

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 and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

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

Taski Sani 4 in 1 SD

7.1 Precautions for safe handling**Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

Prevention of fire and explosion

No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms / facilities:**

In accordance with local and national regulations.

Combined storage in storage rooms / facilities:

In accordance with local and national regulations. Store away from products containing chlorine-based bleaching agents or sulphites.

Basic storage conditions

Store in original container. Keep container tightly closed. For conditions to avoid see subsection 10.4.

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)	UK - Long term value(s)	UK - Short term value(s)
ethanol	1000 ppm 1920 mg/m ³	3000 ppm 5760 mg/m ³

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 oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	No data available	No data available	No data available	8.33
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	No data available	4	No data available	1

DNEL 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)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	No data available	No data available	No data available	19.44
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	No data available	No data available	No data available	2

DNEL 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)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	No data available	No data available	No data available	8.33
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	No data available	No data available	No data available	1

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	No data available	No data available	2.89	6.76
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available

Taski Sani 4 in 1 SD

ethanol	No data available	No data available	No data available	No data available
salicylic acid	No data available	No data available	No data available	16

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	No data available	1.44	1.73	1.44
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	No data available	No data available	0.2	4

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)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	0.012	0.0012	0.12	100
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	0.2	0.02	1	162

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m ³)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
methanesulphonic acid	0.0251	No data available	0.00183	0.12
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
ethanol	No data available	No data available	No data available	No data available
salicylic acid	1.42	0.142	1.66	No data available

8.2 Exposure controls

General health and safety measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

The following information applies for the uses indicated in subsection 1.2.

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.

Personal protective equipment

Eye / face protection:

Safety glasses or goggles (EN 166).

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 (%): 8

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

Taski Sani 4 in 1 SD

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

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

Physical State:	Liquid
Colour	Clear Red
Odour	Slightly perfumed
pH:	< 2 (neat)
Boiling point/range (°C):	Not determined
Flash point (°C):	≈ 53 closed cup
Flammability	This product with a flashpoint between 21°C and 60°C does not support combustion.
Specific gravity:	1.04 g/cm ³ (20°C)
Solubility in / Miscibility with	Water: Fully miscible
Explosive properties	Not explosive.
Oxidising properties:	Not oxidising.

9.2 Other information

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

Keep away from products containing chlorine-based bleaching agents or sulphites. Reacts with alkali.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixtures

No test data is available on the mixture

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)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	LD ₅₀	649	Rat	OECD 401 (EU B.1)	
alkyl alcohol ethoxylate		No data available			
ethanol	LD ₅₀	5000	Rat	OECD 401 (EU B.1)	
salicylic acid	LD ₅₀	891	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
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Taski Sani 4 in 1 SD

alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	LD ₀	> 1000	Rabbit	OECD 402 (EU B.3)	
alkyl alcohol ethoxylate		No data available			
ethanol	LD ₅₀	> 10000	Rabbit	OECD 402 (EU B.3)	
salicylic acid	LD ₅₀	> 2000	Rat	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	LC ₅₀	1.3	Rat	Method not given	
alkyl alcohol ethoxylate		No data available			
ethanol	LC ₅₀	> 1800	Rat	Non guideline test	4
salicylic acid	LC ₅₀	> 0.9	Rat	Method not given	1

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	Corrosive			1 hour(s)
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	Not irritant	Rabbit	Method not given	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	Severe damage	Rabbit	OECD 405 (EU B.5)	
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	Severe damage	Rabbit	Method not given	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	No data available			
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	No data available		Method not given	

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	Not sensitising	Mouse	Method not given	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	No data available			
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	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
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Taski Sani 4 in 1 SD

alkyl alcohol ethoxylate		No data available				
methanesulphonic acid		No data available				
alkyl alcohol ethoxylate		No data available				
ethanol		No data available				
salicylic acid	NOAEL	45.4	Rat		other	

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
alkyl alcohol ethoxylate		No data available				
methanesulphonic acid		No data available				
alkyl alcohol ethoxylate		No data available				
ethanol		No data available				
salicylic acid		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
alkyl alcohol ethoxylate		No data available				
methanesulphonic acid	NOAEL	0.026	Rat	Method not given	30	
alkyl alcohol ethoxylate		No data available				
ethanol		No data available				
salicylic acid		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
alkyl alcohol ethoxylate			No data available					
methanesulphonic acid			No data available					
alkyl alcohol ethoxylate			No data available					
ethanol			No data available					
salicylic acid			No data available					

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mixture data:

Based on available data, the classification criteria are not met.

Substance data, where relevant and available

Carcinogenicity

Ingredient(s)	Effect
alkyl alcohol ethoxylate	No data available
methanesulphonic acid	No data available
alkyl alcohol ethoxylate	No data available
ethanol	No data available
salicylic acid	No evidence for carcinogenicity, negative test results

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
alkyl alcohol ethoxylate	No data available		No data available	
methanesulphonic acid	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12)
alkyl alcohol ethoxylate	No data available		No data available	
ethanol	No data available		No data available	
salicylic acid	No evidence for mutagenicity, negative test results		No evidence for mutagenicity, negative test results	

Taski Sani 4 in 1 SD

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
alkyl alcohol ethoxylate			No data available				
methanesulphonic acid	NOAEL	Impaired fertility Developmental toxicity	>= 400	Rat	OECD 414 (EU B.31), oral OECD 421, oral		No evidence for reproductive toxicity
alkyl alcohol ethoxylate			No data available				
ethanol			No data available				
salicylic acid	NOAEL	Developmental toxicity	50	Rat	Not known		No evidence for reproductive toxicity

Potential adverse health effects and symptoms

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

SECTION 12: Ecological information

12.1 Toxicity

Mixtures

No test 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)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	LC ₅₀	73	Oncorhynchus mykiss	OECD 203	96
alkyl alcohol ethoxylate		No data available			
ethanol	LC ₅₀	8150	Alburnus alburnus	Method not given	96
salicylic acid	LC ₅₀	90	Leuciscus idus	Method not given	

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	EC ₅₀	10 - 100	Daphnia magna Straus	Method not given	48
alkyl alcohol ethoxylate		No data available			
ethanol	EC ₅₀	9268 - 14221	Daphnia magna Straus	Method not given	48
salicylic acid	EC ₅₀	105	Daphnia magna Straus	Method not given	24

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	EC ₅₀	12 - 24	Pseudokirchneriella subcapitata	OECD 201	72
alkyl alcohol ethoxylate		No data available			
ethanol	EC ₀	5000	Scenedesmus quadricauda	Method not given	168
salicylic acid	EC ₅₀	> 100	Desmodesmus subspicatus	Method not given	72

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid		No data available			

Taski Sani 4 in 1 SD

alkyl alcohol ethoxylate		No data available			
ethanol		No data available			
salicylic acid		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alkyl alcohol ethoxylate		No data available			
methanesulphonic acid	EC ₂₀	> 1000	Activated sludge	DIN EN ISO 8192-OECD 209-88/302/EEC	0.5 hour(s)
alkyl alcohol ethoxylate		No data available			
ethanol	EC ₀	6500	Pseudomonas putida	Method not given	16 hour(s)
salicylic acid		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
methanesulphonic acid		No data available				
alkyl alcohol ethoxylate		No data available				
ethanol		No data available				
salicylic acid		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
methanesulphonic acid		No data available				
alkyl alcohol ethoxylate		No data available				
ethanol		No data available				
salicylic acid	NOEC	10	Daphnia magna	Method not given	21 day(s)	

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if 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
alkyl alcohol ethoxylate					No data available

Taski Sani 4 in 1 SD

methanesulphonic acid		COD removal	100% in 28 day(s)	OECD 301A	Readily biodegradable
alkyl alcohol ethoxylate					No data available
ethanol					No data available
salicylic acid					Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

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.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available			
methanesulphonic acid	-2.83		No bioaccumulation expected	
alkyl alcohol ethoxylate	No data available			
ethanol	No data available			
salicylic acid	2.2			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available				
methanesulphonic acid	No data available				
alkyl alcohol ethoxylate	No data available				
ethanol	No data available				
salicylic acid	No data available				

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
alkyl alcohol ethoxylate	No data available				
methanesulphonic acid	0		Model calculation		Mobile in soil
alkyl alcohol ethoxylate	No data available				
ethanol	No data available				
salicylic acid	No data available				Mobile in soil

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 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
European Waste Catalogue: 20 01 29* - detergents containing dangerous substances.

Empty packaging

Recommendation:

Suitable cleaning agents

Dispose of observing national or local regulations.

Water, if necessary with cleaning agent.

SECTION 14: Transport information

ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

Class:-

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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

SECTION 15: Regulatory information

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

Ingredients according to EC Detergents Regulation 648/2004

non-ionic surfactants	15 - 30%
perfumes, disinfectants, Benzyl Salicylate, Hexyl Cinnamal, Butylphenyl Methylpropional, Limonene, Alpha-Isomethyl Ionone	

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

MSDS code: MS1000884

Version 01

Revision: 2012-09-07

Full text of the R, H and EUH phrases mentioned in section 3

- R41 - Risk of serious damage to eyes.
- R22 - Harmful if swallowed.
- R34 - Causes burns.
- R10 - Flammable.
- R36/38 - Irritating to eyes and skin.
- H225 - Highly flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.

Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative

End of Safety Data Sheet