Safety Data Sheet according to (EC) No 1907/2006

sds no.: 387891
V001.0
Revision: 22.05.2013
printing date: 06.04.2022

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

1.1. Product identifier

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

1.3. Details of the supplier of the safety data sheet
Henkel Magyarország Kft.
Dávid F.u.6.
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1.4. Emergency telephone number
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Magyarországi Egészségügyi Toxikológiai Tájékoztató Szolgálat
(ETTSZ) éjjel-nappal hívható száma: 06 80 201 199

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC (DPD):
Xi; R38
Xi; R41
No environmental classification

2.2. Label elements

Label elements (DPD):

Xi - Irritant

Risk phrases:

R38 Irritating to skin.
R41 Risk of serious damage to eyes.

Safety phrases:

S2 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

None if used properly.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	270-115-0	01-2119489428-22	>= 20- < 25 %	Acute toxicity 4; Oral H302 Skin irritation 2 H315 Serious eye damage 1 H318 Chronic hazards to the aquatic environment 3 H412
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8		>= 10- < 20 %	Skin irritation 2; Dermal H315 Serious eye damage/eye irritation 1 H318
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	258-432-2		>= 1- < 5 %	Skin irritation 2; Dermal H315 Serious eye irritation 2 H319
Sodium carbonate 497-19-8	207-838-8	01-2119485498-19	>= 1- < 5 %	Serious eye irritation 2 H319
Butylcyclohexylacetat, para-tert.- 32210-23-4	250-954-9		>= 0,1- < 2,5 %	Chronic hazards to the aquatic environment 2 H411

Until 1. June 2015 hazard classification according to Regulation (EC) No 1272/2008 (CLP) for ingredients is provided, if respective information is available already. No information on hazard classification does not imply that the respective ingredient is not classified. If no information on classification according to Regulation (EC) No 1272/2008 (CLP) is provided, please refer to hazard classification according to Directive 67/548/EEC.

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

Hazardous substances according to DPD (EC) No 1999/45:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	270-115-0	01-2119489428-22	>= 20 - < 25 %	Xn - Harmful; R22 Xi - Irritant; R38, R41
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8		>= 10 - < 20 %	Xi - Irritant; R38 Xi - Irritant; R41
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	258-432-2		>= 1 - < 5 %	Xi - Irritant; R38
Sodium carbonate 497-19-8	207-838-8	01-2119485498-19	>= 1 - < 5 %	Xi - Irritant; R36
Butylcyclohexylacetat, para-tert.- 32210-23-4	250-954-9		>= 0,1 - < 2,5 %	N - Dangerous for the environment; R51/53

For full text of the R - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advise.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhoe and vomiting. Vomit may get into the lungs causing damage (aspiration).

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

After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single adminstration of a non-carbonated beverage (water or tea).
After ingestion: In case of ingestion of larger or unkown quantities administer a defoamer (Dimeticon or Simeticon).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions. Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

Extinguishing media which must not be used for safety reasons:
None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

5.3. Advice for firefighters
Use personal protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
If large amounts are released contact the fire service.
Avoid contact with skin and eyes.
Ensure adequate ventilation.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections
See advice in chapter 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
No special measures required if used properly.

Hygiene measures:
Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.
Protective equipment only required in case of industrial use or for large packs (not for household packs)

7.2. Conditions for safe storage, including any incompatibilities
Store dry at between +5 and +40°C.
Consider national regulations.

7.3. Specific end use(s)
total WC care

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Hungary

Contains no components with occupational exposure limit values.

8.2. Exposure controls

Respiratory protection:
Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective glovesmust always be checked for their sultability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change singeleuse protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Wear tight fitting goggles.

Skin protection:

Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

Appearance	pearls hard light blue
Odor	fresh
pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Water)	9,9 - 10,3
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density	Not applicable
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative)	Not applicable
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

None if used for intended purpose.

10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials
None if used properly.

10.6. Hazardous decomposition products
No decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LD50	1.080 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Sodium carbonate 497-19-8	LD50	2.800 mg/kg	oral		rat	

Acute dermal toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LD50	> 2.000 mg/kg	dermal		rat	OECD Guideline 402 (Acute Dermal Toxicity)
Sodium carbonate 497-19-8	LD50	> 2.000 mg/kg	dermal		rabbit	

Acute inhalative toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium carbonate 497-19-8	LC50		inhalation	2 h	rat	

Skin corrosion/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	Category 2 (irritant)	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Sodium carbonate 497-19-8	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	
Sodium carbonate 497-19-8	irritating		rabbit	

Respiratory or skin sensitization:

Hazardous substances CAS-No.	Result	Test type	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	not sensitising		guinea pig	OECD Guideline 406 (Skin Sensitisation)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	not sensitising	Guinea pig maximisation test	guinea pig	

Germ cell mutagenicity:

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sodium carbonate 497-19-8	negative	bacterial reverse mutation assay (e.g Ames test)	with		

Repeated dose toxicity

Hazardous substances CAS-No.	ResultValue	Route of application	Exposure time / Frequency of treatment	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	125 mg/kg	oral: gavage	one month daily	rat	

Reproductive toxicity:

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	350 mg/kg NOAEL F1 350 mg/kgNOAEL F2 350 mg/kg	three-generation study oral: feed		rat	

SECTION 12: Ecological information

12.1. Toxicity

Toxicity (Fish):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LC50	1,67 mg/l	Fish	96 h	Lepomis macrochirus	
	NOEC	0,43 - 0,89 mg/l	Fish	28 d	Salmo gairdneri (new name: Oncorhynchus mykiss)	
	NOEC	1 mg/l	Fish	28 d	Lepomis macrochirus	OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l	Fish		Pimephales promelas	
	LC50	3,4 - 4,9 mg/l	Fish	96 h	Leuciscus idus	
Sodium carbonate 497-19-8	LC50	300 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	LC50	8,6 mg/l	Fish	96 h	Cyprinus carpio	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	EC50	2,9 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	15 mg/l	Daphnia	24 h	Daphnia magna	
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	EC50	42,5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium carbonate 497-19-8	EC50	200 - 227 mg/l	Daphnia	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	EC50	23,4 mg/l	Daphnia	48 h	Daphnia magna	EU Method C.2 (Acute Toxicity for Daphnia)

Toxicity (Algae):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	NOEC	2,4 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	45 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Sodium carbonate 497-19-8	EC50	137 mg/l	Algae	5 d	Nitzschia sp.	OECD Guideline 201 (Alga, Growth Inhibition Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	EC50	17 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	ResultValue	Route of application	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	readily biodegradable	aerobic	85 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	readily biodegradable	aerobic	77 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Sodium carbonate 497-19-8			83 %	
Butylcyclohexylacetat, para-tert.- 32210-23-4	readily biodegradable	aerobic	75 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	3,32				
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	3				OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Butylcyclohexylacetat, para-tert.- 32210-23-4	4,42				

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:
Only completely empty containers are to be disposed of as recoverable materials.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.4. Packaging group

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Declaration of ingredients according to Detergent Regulation 648/2004/EC

> 30 %	anionic surfactants
5 - 15 %	non-ionic surfactants
Further ingredients	Perfumes
	Linalool
	Limonene
	Coumarin

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R22 Harmful if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Safety Data Sheet according to (EC) No 1907/2006

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V001.0
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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

1.3. Details of the supplier of the safety data sheet
Henkel Magyarország Kft.
Dávid F.u.6.
H-1113 Budapest
Phone: +36 1 372 5555
Fax-no.: +36 1 372 0200

biztonsagi.adatlap@hu.henkel.com

1.4. Emergency telephone number
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Cím: 1113 Budapest
Dávid F. u. 6
tel.: (+36-1) 372-5555 munkanapokon 06-18h hívható

Magyarországi Egészségügyi Toxikológiai Tájékoztató Szolgálat
(ETTSZ) éjjel-nappal hívható száma: 06 80 201 199

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC (DPD):
Xi; R38
Xi; R41
No environmental classification

2.2. Label elements

Label elements (DPD):

Xi - Irritant

Risk phrases:

R38 Irritating to skin.
R41 Risk of serious damage to eyes.

Safety phrases:

S2 Keep out of the reach of children.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately and show this container or label.
S39 Wear eye/face protection.

2.3. Other hazards

None if used properly.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	270-115-0	01-2119489428-22	>= 20- < 25 %	Acute toxicity 4; Oral H302 Skin irritation 2 H315 Serious eye damage 1 H318 Chronic hazards to the aquatic environment 3 H412
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8		>= 10- < 20 %	Skin irritation 2; Dermal H315 Serious eye damage/eye irritation 1 H318
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	258-432-2		>= 1- < 5 %	Skin irritation 2; Dermal H315 Serious eye irritation 2 H319
Sodium carbonate 497-19-8	207-838-8	01-2119485498-19	>= 1- < 5 %	Serious eye irritation 2 H319
Butylcyclohexylacetat, para-tert.- 32210-23-4	250-954-9		>= 0,1- < 2,5 %	Chronic hazards to the aquatic environment 2 H411

Until 1. June 2015 hazard classification according to Regulation (EC) No 1272/2008 (CLP) for ingredients is provided, if respective information is available already. No information on hazard classification does not imply that the respective ingredient is not classified. If no information on classification according to Regulation (EC) No 1272/2008 (CLP) is provided, please refer to hazard classification according to Directive 67/548/EEC.

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

Hazardous substances according to DPD (EC) No 1999/45:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	270-115-0	01-2119489428-22	>= 20 - < 25 %	Xn - Harmful; R22 Xi - Irritant; R38, R41
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	270-407-8		>= 10 - < 20 %	Xi - Irritant; R38 Xi - Irritant; R41
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	258-432-2		>= 1 - < 5 %	Xi - Irritant; R38
Sodium carbonate 497-19-8	207-838-8	01-2119485498-19	>= 1 - < 5 %	Xi - Irritant; R36
Butylcyclohexylacetat, para-tert.- 32210-23-4	250-954-9		>= 0,1 - < 2,5 %	N - Dangerous for the environment; R51/53

For full text of the R - Phrases indicated by codes only see Section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advise.

Skin contact:
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).

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

After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with shortness of breath.

After skin contact: Temporary irritation of the skin (redness, swelling, burning).

After eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).

After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhoe and vomiting. Vomit may get into the lungs causing damage (aspiration).

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

After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single adminstration of a non-carbonated beverage (water or tea).
After ingestion: In case of ingestion of larger or unkown quantities administer a defoamer (Dimeticon or Simeticon).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions. Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

Extinguishing media which must not be used for safety reasons:
None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.

5.3. Advice for firefighters
Use personal protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
If large amounts are released contact the fire service.
Avoid contact with skin and eyes.
Ensure adequate ventilation.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove mechanically. Rinse away residue with plenty of water.

6.4. Reference to other sections
See advice in chapter 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
No special measures required if used properly.

Hygiene measures:
Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.
Protective equipment only required in case of industrial use or for large packs (not for household packs)

7.2. Conditions for safe storage, including any incompatibilities
Store dry at between +5 and +40°C.
Consider national regulations.

7.3. Specific end use(s)
total WC care

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters
Valid for
Hungary

Contains no components with occupational exposure limit values.

8.2. Exposure controls

Respiratory protection:
Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective glovesmust always be checked for their sultability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change singeleuse protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Wear tight fitting goggles.

Skin protection:

Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

Appearance	pearls hard dark blue
Odor	fresh
pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Water)	9,9 - 10,3
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density	Not applicable
Bulk density	Not applicable
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative)	Not applicable
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable
Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable

9.2. Other information

Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

None if used for intended purpose.

10.2. Chemical stability

Stable under normal conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

No decomposition if used according to specifications.

10.5. Incompatible materials
None if used properly.

10.6. Hazardous decomposition products
No decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LD50	1.080 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Sodium carbonate 497-19-8	LD50	2.800 mg/kg	oral		rat	

Acute dermal toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LD50	> 2.000 mg/kg	dermal		rat	OECD Guideline 402 (Acute Dermal Toxicity)
Sodium carbonate 497-19-8	LD50	> 2.000 mg/kg	dermal		rabbit	

Acute inhalative toxicity:

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium carbonate 497-19-8	LC50		inhalation	2 h	rat	

Skin corrosion/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	Category 2 (irritant)	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Sodium carbonate 497-19-8	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	irritating		rabbit	
Sodium carbonate 497-19-8	irritating		rabbit	

Respiratory or skin sensitization:

Hazardous substances CAS-No.	Result	Test type	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	not sensitising		guinea pig	OECD Guideline 406 (Skin Sensitisation)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	not sensitising	Guinea pig maximisation test	guinea pig	

Germ cell mutagenicity:

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Sodium carbonate 497-19-8	negative	bacterial reverse mutation assay (e.g Ames test)	with		

Repeated dose toxicity

Hazardous substances CAS-No.	ResultValue	Route of application	Exposure time / Frequency of treatment	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	125 mg/kg	oral: gavage	one month daily	rat	

Reproductive toxicity:

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	350 mg/kg NOAEL F1 350 mg/kgNOAEL F2 350 mg/kg	three-generation study oral: feed		rat	

SECTION 12: Ecological information

12.1. Toxicity

Toxicity (Fish):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	LC50	1,67 mg/l	Fish	96 h	Lepomis macrochirus	
	NOEC	0,43 - 0,89 mg/l	Fish	28 d	Salmo gairdneri (new name: Oncorhynchus mykiss)	
	NOEC	1 mg/l	Fish	28 d	Lepomis macrochirus	OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	NOEC	1,8 mg/l	Fish		Pimephales promelas	
	LC50	3,4 - 4,9 mg/l	Fish	96 h	Leuciscus idus	
Sodium carbonate 497-19-8	LC50	300 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	LC50	8,6 mg/l	Fish	96 h	Cyprinus carpio	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	EC50	2,9 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	15 mg/l	Daphnia	24 h	Daphnia magna	
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	EC50	42,5 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium carbonate 497-19-8	EC50	200 - 227 mg/l	Daphnia	48 h	Ceriodaphnia sp.	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	EC50	23,4 mg/l	Daphnia	48 h	Daphnia magna	EU Method C.2 (Acute Toxicity for Daphnia)

Toxicity (Algae):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	NOEC	2,4 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	EC50	45 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Sodium carbonate 497-19-8	EC50	137 mg/l	Algae	5 d	Nitzschia sp.	OECD Guideline 201 (Alga, Growth Inhibition Test)
Butylcyclohexylacetat, para-tert.- 32210-23-4	EC50	17 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

Hazardous substances CAS-No.	ResultValue	Route of application	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	readily biodegradable	aerobic	85 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts 68439-57-6	readily biodegradable	aerobic	98 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	readily biodegradable	aerobic	77 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Sodium carbonate 497-19-8			83 %	
Butylcyclohexylacetat, para-tert.- 32210-23-4	readily biodegradable	aerobic	75 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Method
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3	3,32				
2-Methyl-6-methyleneoct-7-en-2-ol, dihydro derivative 53219-21-9	3				OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Butylcyclohexylacetat, para-tert.- 32210-23-4	4,42				

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

Other adverse effects of this product for the environment are not known to us.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:
Only completely empty containers are to be disposed of as recoverable materials.

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.4. Packaging group

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Declaration of ingredients according to Detergent Regulation 648/2004/EC

> 30 %	anionic surfactants
5 - 15 %	non-ionic surfactants
Further ingredients	Perfumes
	Linalool
	Limonene
	Coumarin

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R22 Harmful if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.