



## Persil Professional Small & Mighty Colour Protect

Revision: 2020-10-11

Version: 01.0

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

#### 1.1 Product identifier

**Trade name:** Persil Professional Small & Mighty Colour Protect  
*Persil is a registered trade mark and is used under licence of Unilever*

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

##### Identified uses:

AISE-P102 - Laundry detergent. Semi-automatic process  
AISE-P103 - Laundry detergent. Manual process  
AISE-C1 - Laundry regular (powder, liquid) for consumer use

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

#### 1.3 Details of the supplier of the safety data sheet

Diversey Europe Operations BV, Maarssebroeksedijk 2, 3542DN Utrecht, The Netherlands

#### Contact details

Diversey Ltd  
Weston Favell Centre, Northampton NN3 8PD, United Kingdom  
Tel: 01604 405311, Fax: 01604 406809  
Regulatory Email: customerservice.uk@diversey.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)  
For medical or environmental emergency only:  
call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Skin Irrit. 2 (H315)  
Eye Irrit. 2 (H319)  
Skin Sens. 1 (H317)  
Aquatic Chronic 3 (H412)

#### 2.2 Label elements



**Signal word:** Warning.

Contains 2-methyl-2H-isothiazol-3-one (Methylisothiazolinone), 3,7-dimethyloctan-3-ol (Tetrahydrolinalool), hexyl salicylate (Hexyl Salicylate), 4-tert-butylcyclohexyl acetate (4-tert-butylcyclohexyl acetate), benzyl salicylate (Benzyl Salicylate), alpha-hexylcinnamaldehyde (Hexyl Cinnamal)

#### Hazard statements:

H315 + H319 - Causes skin and serious eye irritation.  
H317 - May cause an allergic skin reaction.  
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:

## Persil Professional Small &amp; Mighty Colour Protect

Contains: preservative.

### 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

### 3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Notes	Weight percent
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	270-116-6	68411-31-4	-	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)		10-20
3,6,9,12,15,18,21-Heptaooxatriacontan-1-ol	221-283-9	3055-97-8	-	STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)		3-10
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	500-234-8	68891-38-3	-	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)		3-10
propane-1,2-diol	200-338-0	57-55-6	01-2119456809-23	Not classified as hazardous		1-3
tetrasodium (1-hydroxy ethylidene)bisphosphonate	223-267-7	3794-83-0	01-2119510382-52	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)		1-3
hexyl salicylate	228-408-6	6259-76-3	01-2119638275-36	Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		0.1-1
alpha-hexylcinnamaldehyde	202-983-3	101-86-0	01-2119533092-50	Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)		0.1-1
2-methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	[6]	Acute Tox. 2 (H330) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		0.01-0.1

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

[6] Exempted: biocidal active. See Article 15a 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:

Take off immediately all contaminated clothing and wash it before reuse.

#### 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 eye irritation persists: Get medical advice or 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:

Causes irritation. 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**

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Dilute with plenty of water. 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, sawdust). 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.

**Advices 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. 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)	UK - Long term value(s)	UK - Short term value(s)
propane-1,2-diol	150 ppm total particulates and vapour 474 mg/m <sup>3</sup> total particulates and vapour 10 mg/m <sup>3</sup> particulates	450 ppm total particulate and vapour 1422 mg/m <sup>3</sup> total particulate and vapour 30 mg/m <sup>3</sup> particulate

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**

## Persil Professional Small &amp; Mighty Colour Protect

## 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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	-	-	-	-
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	2.1
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	No data available	-	No data available	-
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	48
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	No data available	-	No data available	-
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	24
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

DNEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	-	-	10	168
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	16.9
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

DNEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	-	-	10	50
tetrasodium (1-hydroxy ethylidene)bisphosphonate	10	No data available	10	4.2
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	No data available	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	-	-	-	-

## Environmental exposure

Environmental exposure - PNEC

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Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	260	26	183	20000
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	No data available
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	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/m <sup>3</sup> )
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available	No data available	No data available	No data available
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available	No data available	No data available	No data available
propane-1,2-diol	572	57.2	50	-
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available	No data available	No data available	No data available
hexyl salicylate	No data available	No data available	No data available	No data available
alpha-hexylcinnamaldehyde	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:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

**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:** No special requirements under normal use conditions.

**Personal protective equipment****Eye / face protection:**

No special requirements under normal use conditions.

**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):** 0.14

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

**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:**

No special requirements under normal use conditions.

**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**

## Persil Professional Small &amp; Mighty Colour Protect

## 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

**Physical State:** Liquid**Colour:** Opaque Light Purple**Odour:** Product specific**Odour threshold:** Not applicable**pH** ≈ 7 (neat)**Dilution pH:** ≈ 7 (0.14 %)**Melting point/freezing point (°C):** 999**Initial boiling point and boiling range (°C):** Not determined**Method / remark**

ISO 4316

ISO 4316

Not relevant to classification of this product

See substance data

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available		
3,6,9,12,15,18,21-Heptaoxatriacontan-1-ol	No data available		
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available		
propane-1,2-diol	185-190	Method not given	1013
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available		
hexyl salicylate	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-methyl-2H-isothiazol-3-one	No data available		

**Method / remark****Flammability (liquid):** Not flammable.**Flash point (°C):** Not applicable.**Sustained combustion:** Not applicable.

( UN Manual of Tests and Criteria, section 32, L.2 )

**Evaporation rate:** Not determined

Not relevant to classification of this product

**Flammability (solid, gas):** Not applicable to liquids**Upper/lower flammability limit (%):** Not determined

See substance data

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
propane-1,2-diol	2.6	12.6

**Method / remark****Vapour pressure:** Not determined

See substance data

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available		
3,6,9,12,15,18,21-Heptaoxatriacontan-1-ol	No data available		
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available		
propane-1,2-diol	18.6	Method not given	20
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available		
hexyl salicylate	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-methyl-2H-isothiazol-3-one	No data available		

**Method / remark****Vapour density:** Not determined

Not relevant to classification of this product

**Relative density:** ≈ 1.03 (20 °C)

OECD 109 (EU A.3)

**Solubility in / Miscibility with Water:** Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available		
3,6,9,12,15,18,21-Heptaoxatriacontan-1-ol	No data available		
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available		
propane-1,2-diol	Soluble	Method not given	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available		
hexyl salicylate	No data available		

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alpha-hexylcinnamaldehyde	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

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**Viscosity:** ≈ 500 mPa.s (20 °C)  
**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.

**Method / remark**

DM-006 Viscosity - Standard

**9.2 Other information**

**Surface tension (N/m):** Not determined  
**Corrosion to metals:** Not corrosive

Not relevant to classification of this product

Substance data, dissociation constant, if 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 toxicological effects**

Mixture data:

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): >2000

**Eye irritation and corrosivity**

**Result:** Eye irritant 2

**Species:** Not applicable.

**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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol	LD <sub>50</sub>	> 10000	Rat	Method not given	
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		3100			
2-methyl-2H-isothiazol-3-one	LD <sub>50</sub>	120	Rat	OECD 401 (EU B.1)	

Acute dermal toxicity

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Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol	LD <sub>50</sub>	> 2000	Rabbit	Method not given	
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one	LD <sub>50</sub>	242	Rat	OECD 402 (EU B.3)	24 hours

## Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol	LC <sub>50</sub>	> 317 (mist) No mortality observed	Rabbit	Non guideline test	
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one	LC <sub>50</sub>	(mist) 0.11	Rat	OECD 403 (EU B.2)	4 hours

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	Not irritant	Rabbit	OECD 404 (EU B.4)	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			
hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-methyl-2H-isothiazol-3-one	Corrosive			

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	Not corrosive or irritant	Rabbit	OECD 405 (EU B.5)	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			
hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-methyl-2H-isothiazol-3-one	No data available			

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			
3,6,9,12,15,18,21-Heptaooxatritriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	No data available			
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			



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hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			
3,6,9,12,15,18,21-Heptaaxatritriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			
hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-methyl-2H-isothiazol-3-one	Sensitising	Guinea pig		

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			
3,6,9,12,15,18,21-Heptaaxatritriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	No data available			
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			
hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available		No data available	
3,6,9,12,15,18,21-Heptaaxatritriacontan-1-ol	No data available		No data available	
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available		No data available	
propane-1,2-diol	No evidence for mutagenicity, negative test results	Method not given	No data available	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available		No data available	
hexyl salicylate	No data available		No data available	
alpha-hexylcinnamaldehyde	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available
3,6,9,12,15,18,21-Heptaaxatritriacontan-1-ol	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available
propane-1,2-diol	No evidence for carcinogenicity, negative test results
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available
hexyl salicylate	No data available
alpha-hexylcinnamaldehyde	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine			No data available				
3,6,9,12,15,18,21-Heptaaxatritriacontan-1-ol			No data available				

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Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts			No data available				
propane-1,2-diol			No data available				No evidence for reproductive toxicity
tetrasodium (1-hydroxy ethylidene)bisphosphonate			No data available				
hexyl salicylate			No data available				
alpha-hexylcinnamaldehyde			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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol		No data available				
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol		No data available				
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol		No data available				
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

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## Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine			No data available					
3,6,9,12,15,18,21-Heptaaoxatritriacontan-1-ol			No data available					
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts			No data available					
propane-1,2-diol			No data available					
tetrasodium (1-hydroxy ethylidene)bisphosphonate			No data available					
hexyl salicylate			No data available					
alpha-hexylcinnamaldehyde			No data available					
2-methyl-2H-isothiazol-3-one			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available
3,6,9,12,15,18,21-Heptaaoxatritriacontan-1-ol	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available
propane-1,2-diol	No data available
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available
hexyl salicylate	No data available
alpha-hexylcinnamaldehyde	No data available
2-methyl-2H-isothiazol-3-one	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available
3,6,9,12,15,18,21-Heptaaoxatritriacontan-1-ol	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available
propane-1,2-diol	No data available
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available
hexyl salicylate	No data available
alpha-hexylcinnamaldehyde	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.

## 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)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers,		No data			

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sodium salts		available			
propane-1,2-diol	LC <sub>50</sub>	> 1000	Fish	Method not given	24
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one		No data available			

## Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol	EC <sub>50</sub>	> 100	<i>Daphnia</i>	Method not given	48
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one		No data available			

## Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol	EC <sub>50</sub>	24200	<i>Desmodesmus subspicatus</i>	OECD 201 (EU C.3)	72
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one		No data available			

## Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			
propane-1,2-diol		No data available			-
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available			
3,6,9,12,15,18,21-Heptaoxatritriacontan-1-ol		No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available			

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propane-1,2-diol	EC <sub>0</sub>	> 20000	<i>Pseudomonas putida</i>	Method not given	18 hour(s)
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available			
hexyl salicylate		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-methyl-2H-isothiazol-3-one	EC <sub>20</sub>	2.8	<i>Activated sludge</i>	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaooxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol		No data available				
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaooxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol	NOEC	13020	<i>Ceriodaphnia dubia</i>	Method not given	7 day(s)	
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine		No data available				
3,6,9,12,15,18,21-Heptaooxatriacontan-1-ol		No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts		No data available				
propane-1,2-diol		No data available			-	
tetrasodium (1-hydroxy ethylidene)bisphosphonate		No data available				
hexyl salicylate		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-methyl-2H-isothiazol-3-one		No data available				

**Terrestrial toxicity**

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

Ingredient(s)	Endpoint	Value	Species	Method	Exposure	Effects observed
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		(mg/kg dw soil)			time (days)	
propane-1,2-diol		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
propane-1,2-diol		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
propane-1,2-diol		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
propane-1,2-diol		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
propane-1,2-diol		No data 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 <sub>50</sub>	Method	Evaluation
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine					Readily biodegradable
3,6,9,12,15,18,21-Heptaaxatriacontan-1-ol		Method not given		Method not given	Not readily biodegradable.
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts				OECD 301D	Readily biodegradable
propane-1,2-diol			> 70 % in 28 day(s)	OECD 301A	Readily biodegradable
tetrasodium (1-hydroxy ethylidene)bisphosphonate				Weight of evidence	Not readily biodegradable.
hexyl salicylate				OECD 301F	Readily biodegradable
alpha-hexylcinnamaldehyde					Not readily biodegradable.
2-methyl-2H-isothiazol-3-one					Not readily biodegradable.

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT <sub>50</sub>	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available			

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3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol	No data available			
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available			
propane-1,2-diol	-1.07	Method not given	No bioaccumulation expected	
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available			
hexyl salicylate	No data available			
alpha-hexylcinnamaldehyde	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available				
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol	No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available				
propane-1,2-diol	No data available				
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available				
hexyl salicylate	No data available				
alpha-hexylcinnamaldehyde	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
Benzenesulfonic acid, C10-13-alkyl derivatives, compounds with triethanolamine	No data available				
3,6,9,12,15,18,21-Heptaaoxatriacontan-1-ol	No data available				
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	No data available				
propane-1,2-diol	No data available				Potential for mobility in soil, soluble in water
tetrasodium (1-hydroxy ethylidene)bisphosphonate	No data available				
hexyl salicylate	No data available				
alpha-hexylcinnamaldehyde	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 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**

## Persil Professional Small &amp; Mighty Colour Protect

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

- 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  
 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 and the IBC Code: 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

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

UFI: 7R6F-F1VG-A00V-T2N4

**Ingredients according to EC Detergents Regulation 648/2004**

anionic surfactants	15 - 30 %
non-ionic surfactants	5 - 15 %
phosphonates, soap, polycarboxylates	< 5 %
perfumes, Benzyl Salicylate, Hexyl Cinnamal, enzymes, Octylisothiazolinone, Limonene, Methylisothiazolinone	

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.

**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:** MS1004981

**Version:** 01.0

**Revision:** 2020-10-11

**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.

**Full text of the H and EUH phrases mentioned in section 3:**

- 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.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.



**Persil Professional Small & Mighty Colour Protect****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
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- OECD - Organization for Economic Cooperation and Development

**End of Safety Data Sheet**