



## Good Sense Vert QuattroSelect O1a

Revision: 2018-01-25

Version: 04.1

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

#### 1.1 Product identifier

Trade name: Good Sense Vert QuattroSelect O1a

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

##### Identified uses:

For professional use only.

AISE-P301 - General purpose cleaner. Manual process

AISE-P302 - General purpose cleaner. Spray and wipe 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 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

For medical or environmental emergency only:

call 0800 052 0185

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Eye Irrit. 2 (H319)

Aquatic Chronic 3 (H412)

#### 2.2 Label elements



**Signal word:** Warning.

Contains EUH208: alpha-hexylcinnamaldehyde (Hexyl Cinnamal), 2-(4-tert-Butylbenzyl)propionaldehyde (Butylphenyl Methylpropional), resin acids and rosin acids, hydrogenated, me esters (Hydrogenated Methyl Rosinate), 1'-acetonaphthone (1-Acetonaphthone)

#### Hazard statements:

H319 - Causes serious eye irritation.

EUH208 - May produce an allergic reaction.

H412 - Harmful to aquatic life with long lasting effects.

#### 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
alkyl alcohol ethoxylate	Polymer*	69011-36-5	[4]	Acute Tox. 4 (H302) Eye Dam. 1 (H318)		10-20
sulphonic acids, C13-17-sec-alkane, sodium salts	288-330-3	85711-69-9	No data available	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)		3-10

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2-tert-butylcyclohexyl acetate	201-828-7	88-41-5	No data available	Aquatic Chronic 2 (H411)	1-3
diethyl phthalate	201-550-6	84-66-2	No data available	Not classified as hazardous	1-3
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	241-514-7	17511-60-3	No data available	Aquatic Chronic 2 (H411)	1-3
coconut oil, reaction products with diethanolamine	232-483-0	8051-30-7	No data available	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)	0.1-1
alpha-hexylcinnamaldehyde	202-983-3	101-86-0	No data available	Skin Sens. 1B (H317) Aquatic Chronic 2 (H411)	0.1-1
2-(4-tert-Butylbenzyl)propionaldehyde	201-289-8	80-54-6	No data available	Acute Tox. 4 (H302) Repr. 2 (H361) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	0.1-1
undecan-4-olide	203-225-4	104-67-6	No data available	Aquatic Chronic 2 (H411)	0.1-1
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	214-946-9	1222-05-5	No data available	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.1-1
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	216-133-4	1506-02-1	No data available	Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.1-1
resin acids and rosin acids, hydrogenated, me esters	232-476-2	8050-15-5	No data available	Skin Sens. 1 (H317)	0.1-1
1'-acetonaphthone	213-384-1	941-98-0	No data available	Acute Tox. 4 (H302) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)	0.1-1
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	268-264-1	68039-49-6	No data available	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)	0.1-1
allyl heptanoate	205-527-1	142-19-8	No data available	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.1-1
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	No data available	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	0.01-0.1

\* Polymer.

For the full text of the 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:**

Get medical attention or advice if you feel unwell.

**Skin contact:**

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

**Eye contact:**

Immediately rinse eyes cautiously with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.

**Ingestion:**

Immediately drink 1 glass of water. 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:**

No known effects or symptoms in normal use.

**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

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**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**

No special measures required.

**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**

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****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:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Use only with adequate ventilation.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. 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)
diethyl phthalate	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

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	-	-	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available

coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-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)
alkyl alcohol ethoxylate	-	-	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-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)
alkyl alcohol ethoxylate	-	-	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate	-	-	-	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available

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2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate	No data available	No data available	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

## Environmental exposure

## Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
alkyl alcohol ethoxylate	-	-	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

## Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
alkyl alcohol ethoxylate	-	-	-	-
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available	No data available	No data available	No data available
2-tert-butylcyclohexyl acetate	No data available	No data available	No data available	No data available
diethyl phthalate	No data available	No data available	No data available	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available	No data available	No data available	No data available
coconut oil, reaction products with diethanolamine	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-(4-tert-Butylbenzyl)propionaldehyde	No data available	No data available	No data available	No data available
undecan-4-olide	No data available	No data available	No data available	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available	No data available	No data available	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available	No data available	No data available	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available	No data available	No data available	No data available
1'-acetonaphthone	No data available	No data available	No data available	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-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.

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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:** No special requirements under normal use conditions.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

**Personal protective equipment**

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).  
**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.

Recommended safety measures for handling the diluted product:

**Recommended maximum concentration (%):** 2

**Appropriate engineering controls:** Provide a good standard of general ventilation.  
**Appropriate organisational controls:** No special requirements under normal use conditions.

**Personal protective equipment**

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.  
**Hand protection:** Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.

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

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Information in this section refers to the product, unless it is specifically stated that substance data is listed

	Method / remark
<b>Physical State:</b> Liquid	
<b>Colour:</b> Clear, Green	
<b>Odour:</b> Perfumed	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> ≈ 8 (neat)	
<b>Melting point/freezing point (°C):</b> Not determined	Not relevant to classification of this product
<b>Initial boiling point and boiling range (°C):</b> Not determined	

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
alkyl alcohol ethoxylate	> 200	Method not given	
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available		
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
coconut oil, reaction products with diethanolamine	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonaphthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

Method / remark

**Flash point (°C):** Not applicable.  
**Sustained combustion:** Not applicable.  
 ( UN Manual of Tests and Criteria, section 32, L.2 )

**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not determined  
**Upper/lower flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

**Method / remark**

**Vapour pressure:** Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
alkyl alcohol ethoxylate	Negligible	Method not given	20-25
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available		
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
coconut oil, reaction products with diethanolamine	0.000139	OECD 104 (EU A.4)	20
alpha-hexylcinnamaldehyde	No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonephthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

**Method / remark**

**Vapour density:** Not determined  
**Relative density:** ≈ 1.01 (20 °C)  
**Solubility in / Miscibility with Water:** Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
alkyl alcohol ethoxylate	Soluble	Method not given	20
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available		
2-tert-butylcyclohexyl acetate	No data available		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
coconut oil, reaction products with diethanolamine	No data available		
alpha-hexylcinnamaldehyde	No data available		
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		
undecan-4-olide	No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		
resin acids and rosin acids, hydrogenated, me esters	No data available		
1'-acetonephthone	No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		
allyl heptanoate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

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

**Method / remark**

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**Viscosity:** Not determined  
**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.

**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**

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**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

**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)
alkyl alcohol ethoxylate	LD <sub>50</sub>	> 300 - 2000	Rat	OECD 423 (EU B.1 tris)	
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LD <sub>50</sub>	> 8000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	LD <sub>50</sub>	1390		Method not given	
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	LD <sub>50</sub>	1000		Method not given	
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one	LD <sub>50</sub>	> 2000	Rat		

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	LD <sub>50</sub>	> 2000	Rabbit	Method not given	
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LD <sub>50</sub>	> 10000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data			



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		available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one	LD <sub>50</sub>	> 2000	Rat	OECD 402 (EU B.3)	

## Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate		No data available			
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	Not irritant	Rabbit	OECD 404 (EU B.4)	
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			

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1,2-benzisothiazol-3(2H)-one	Corrosive			

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	Severe damage	Rabbit	Method not given	
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	Not sensitising	Guinea pig	Method not given	
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	Sensitising	Guinea pig		

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alkyl alcohol ethoxylate	No data available			
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			

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diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-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)
alkyl alcohol ethoxylate	No evidence of genotoxicity, negative test results	Method not given	No evidence of genotoxicity, negative test results	Method not given
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available		No data available	
2-tert-butylcyclohexyl acetate	No data available		No data available	
diethyl phthalate	No data available		No data available	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		No data available	
coconut oil, reaction products with diethanolamine	No data available		No data available	
alpha-hexylcinnamaldehyde	No data available		No data available	
2-(4-tert-Butylbenzyl)propionaldehyde	No data available		No data available	
undecan-4-olide	No data available		No data available	
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available		No data available	
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available		No data available	
resin acids and rosin acids, hydrogenated, me esters	No data available		No data available	
1'-acetonaphthone	No data available		No data available	
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		No data available	
allyl heptanoate	No data available		No data available	
1,2-benzisothiazol-3(2H)-one	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	

## Carcinogenicity

Ingredient(s)	Effect
alkyl alcohol ethoxylate	No evidence for carcinogenicity, weight-of-evidence
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
coconut oil, reaction products with diethanolamine	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate	NOAEL	Teratogenic effects	> 50	Rat	Not known		No known significant effects or critical hazards
sulphonic acids, C13-17-sec-alkane, sodium salts			No data available				
2-tert-butylcyclohexyl acetate			No data available				
diethyl phthalate			No data				

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			available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate			No data available				
coconut oil, reaction products with diethanolamine			No data available				
alpha-hexylcinnamaldehyde			No data available				
2-(4-tert-Butylbenzyl)propionaldehyde			No data available				
undecan-4-olide			No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran			No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one			No data available				
resin acids and rosin acids, hydrogenated, me esters			No data available				
1'-acetonaphthone			No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available				
allyl heptanoate			No data available				
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate		No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate		No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				

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		available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate		No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				

## Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
alkyl alcohol ethoxylate	Oral	NOAEL	50	Rat	Method not given	24 month(s)	Effects on organ weights	
sulphonic acids, C13-17-sec-alkane, sodium salts			No data available					
2-tert-butylcyclohexyl acetate			No data available					
diethyl phthalate			No data available					
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate			No data available					
coconut oil, reaction products with diethanolamine			No data available					
alpha-hexylcinnamaldehyde			No data available					
2-(4-tert-Butylbenzyl)propionaldehyde			No data available					
undecan-4-olide			No data available					

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1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran			No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one			No data available				
resin acids and rosin acids, hydrogenated, me esters			No data available				
1'-acetonaphthone			No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available				
allyl heptanoate			No data available				
1,2-benzisothiazol-3(2H)-one			No data available				

## STOT-single exposure

Ingredient(s)	Affected organ(s)
alkyl alcohol ethoxylate	Not applicable
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
coconut oil, reaction products with diethanolamine	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
1,2-benzisothiazol-3(2H)-one	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
alkyl alcohol ethoxylate	Not applicable
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available
2-tert-butylcyclohexyl acetate	No data available
diethyl phthalate	No data available
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available
coconut oil, reaction products with diethanolamine	No data available
alpha-hexylcinnamaldehyde	No data available
2-(4-tert-Butylbenzyl)propionaldehyde	No data available
undecan-4-olide	No data available
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available
resin acids and rosin acids, hydrogenated, me esters	No data available
1'-acetonaphthone	No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
1,2-benzisothiazol-3(2H)-one	No data available

**Aspiration hazard**

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

**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

## Good Sense Vert QuattroSelect O1a

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	LC <sub>50</sub>	1 - 10	<i>Cyprinus carpio</i>	OECD 203 (EU C.1)	96
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	LC <sub>50</sub>	17	<i>Pimephales promelas</i>	Method not given	96
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetoneaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

## Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	EC <sub>50</sub>	1 - 10	<i>Daphnia magna Straus</i>	OECD 202, static	48
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate	EC <sub>50</sub>	> 40	<i>Daphnia magna Straus</i>	Method not given	24
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetoneaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

## Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	EC <sub>50</sub>	1 - 10	<i>Desmodesmus subspicatus</i>	OECD 201, static	72
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			-
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			

## Good Sense Vert QuattroSelect O1a

		available		
coconut oil, reaction products with diethanolamine		No data available		
alpha-hexylcinnamaldehyde		No data available		
2-(4-tert-Butylbenzyl)propionaldehyde		No data available		
undecan-4-olide		No data available		
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available		
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available		
resin acids and rosin acids, hydrogenated, me esters		No data available		
1'-acetoneaphthone		No data available		
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available		
allyl heptanoate		No data available		
1,2-benzisothiazol-3(2H)-one		No data available		

## Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alkyl alcohol ethoxylate		No data available			-
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			-
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetoneaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

## Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alkyl alcohol ethoxylate	EC <sub>10</sub>	> 10000	Activated sludge	DIN 38412 / Part 8	17 hour(s)
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
2-tert-butylcyclohexyl acetate		No data available			
diethyl phthalate		No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
coconut oil, reaction products with diethanolamine		No data available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		No data available			
undecan-4-olide		No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available			



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		available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available			
resin acids and rosin acids, hydrogenated, me esters		No data available			
1'-acetonaphthone		No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one	EC <sub>20</sub>	3.3	Activated sludge	OECD 209	3 hour(s)

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkyl alcohol ethoxylate		No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-one		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				
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				

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allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-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
alkyl alcohol ethoxylate		No data available			-	
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available				
2-tert-butylcyclohexyl acetate		No data available				
diethyl phthalate		No data available			-	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
coconut oil, reaction products with diethanolamine		No data available				
alpha-hexylcinnamaldehyde		No data available				
2-(4-tert-Butylbenzyl)propionaldehyde		No data available				
undecan-4-olide		No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran		No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one		No data available				
resin acids and rosin acids, hydrogenated, me esters		No data available				
1'-acetonaphthone		No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				

### Terrestrial toxicity

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

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl alcohol ethoxylate	NOEC	220	<i>Eisenia fetida</i>		-	
diethyl phthalate		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl alcohol ethoxylate	NOEC	10	<i>Lepidium sativum</i>	OECD 208	-	
diethyl phthalate		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
alkyl alcohol ethoxylate		No data available			-	
diethyl phthalate		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkyl alcohol ethoxylate		No data available			-	
diethyl phthalate		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
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alkyl alcohol ethoxylate		No data available			-	
diethyl phthalate		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
alkyl alcohol ethoxylate		CO <sub>2</sub> production	> 60 % in 28 day(s)	OECD 301B	Readily biodegradable
sulphonic acids, C13-17-sec-alkane, sodium salts					Not readily biodegradable.
2-tert-butylcyclohexyl acetate				Method not given	Not readily biodegradable.
diethyl phthalate				OECD 301B	Readily biodegradable
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate					No data available
coconut oil, reaction products with diethanolamine					Readily biodegradable
alpha-hexylcinnamaldehyde					Not readily biodegradable.
2-(4-tert-Butylbenzyl)propionaldehyde				OECD 301B	Readily biodegradable
undecan-4-olide				OECD 301F	Readily biodegradable
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran				OECD 301B	Not readily biodegradable.
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one					Not readily biodegradable.
resin acids and rosin acids, hydrogenated, me esters					No data available
1'-acetonaphthone					No data available
2,4-dimethylcyclohex-3-ene-1-carbaldehyde					Not readily biodegradable.
allyl heptanoate					No data available
1,2-benzisothiazol-3(2H)-one				Weight of evidence	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
1,2-benzisothiazol-3(2H)-one	Sewage treatment plant simulation	Primary degradation	> 90%	OECD 303A	Biodegradable

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available			
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available			
2-tert-butylcyclohexyl acetate	No data available			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
coconut oil, reaction products with diethanolamine	No data available			
alpha-hexylcinnamaldehyde	No data available			
2-(4-tert-Butylbenzyl)propionaldehyde	No data available			
undecan-4-olide	No data available			
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available			
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available			
resin acids and rosin acids, hydrogenated, me esters	No data available			
1'-acetonaphthone	No data available			
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	0.7	OECD 107	No bioaccumulation expected	

Bioconcentration factor (BCF)

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Ingredient(s)	Value	Species	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available				
2-tert-butylcyclohexyl acetate	No data available				
diethyl phthalate	No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available				
coconut oil, reaction products with diethanolamine	No data available				
alpha-hexylcinnamaldehyde	No data available				
2-(4-tert-Butylbenzyl)propionaldehyde	No data available				
undecan-4-olide	No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available				
resin acids and rosin acids, hydrogenated, me esters	No data available				
1'-acetonaphthone	No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
1,2-benzisothiazol-3(2H)-one	6.95		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
alkyl alcohol ethoxylate	No data available				Immobile in soil or sediment
sulphonic acids, C13-17-sec-alkane, sodium salts	No data available				
2-tert-butylcyclohexyl acetate	No data available				
diethyl phthalate	No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available				
coconut oil, reaction products with diethanolamine	No data available				
alpha-hexylcinnamaldehyde	No data available				
2-(4-tert-Butylbenzyl)propionaldehyde	No data available				
undecan-4-olide	No data available				
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	No data available				
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	No data available				
resin acids and rosin acids, hydrogenated, me esters	No data available				
1'-acetonaphthone	No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
1,2-benzisothiazol-3(2H)-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:

European Waste Catalogue:

Empty packaging

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.

20 01 29\* - detergents containing dangerous substances.

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**Recommendation:** Dispose of observing national or local regulations.  
**Suitable cleaning agents:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information****Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)**

**14.1 UN number:** 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 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 1272/2008 - CLP
- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No. 648/2004 - Detergents regulation

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

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

non-ionic surfactants	5 - 15%
anionic surfactants	< 5%
perfumes, Hexyl Cinnamal, Butylphenyl Methylpropional, Citral, Linalool, Limonene, Benzyl Alcohol, Benzisothiazolinone	

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:** MSDS7310

**Version:** 04.1

**Revision:** 2018-01-25

**Reason for revision:**

This data sheet contains changes from the previous version in section(s):, 2, 3, 16

**Classification procedure**

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

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

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H361 - Suspected of damaging fertility or the unborn child.
- 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.

**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

**End of Safety Data Sheet**