

Good Sense Vert Conc

Revision: 2015-01-09

Version: 04.0

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

1.1 Product identifier

Trade name: Good Sense Vert Conc

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, Maarssenbroeksedijk 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: MSDSinfoUK@sealedair.com

1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Regulation (EC) No 1272/2008.

Eye Irrit. 2 (H319)

Aquatic Chronic 3 (H412)

Classification in accordance with Directive 1999/45/EC and corresponding national legislation

Indication of danger

Xi - Irritant

Risk phrases:

R41 - Risk of serious damage to eyes.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

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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	Classification (1999/45/EC)	Notes	Weight percent
alkyl alcohol ethoxylate	Polymer*	69011-36-5	[4]	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	Xn;R22 Xi;R41		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)	Xi;R38-41		3-10
diethyl phthalate	201-550-6	84-66-2	No data available		Xn;R20		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)	N;R51/53		1-3
2-tert-butylcyclohexyl acetate	201-828-7	88-41-5	No data available	Aquatic Chronic 2 (H411)	N;R51/53		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)	Xi;R38-41		0.1-1
alpha-hexylcinnamaldehyde	202-983-3	101-86-0	No data available	Skin Sens. 1B (H317) Aquatic Chronic 2 (H411)	Xi;R38-43		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)	Xn;R22 Xi;R38-43 Repr.Cat.3;R62 N;R51/53		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)	N;R50/53		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)	Xn;R22 N;R50/53		0.1-1
resin acids and rosin acids, hydrogenated, me esters	232-476-2	8050-15-5	No data available	Skin Sens. 1 (H317)	Xi;R43		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)	Xn;R22 Xi;R43 R52/53		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)	Xi;R36/38-43 R52/53		0.1-1
undecan-4-olide	203-225-4	104-67-6	No data available	Aquatic Chronic 2 (H411)	N;R51/53		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)	Xn;R21/22 Xi;R38 N;R50/53		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)	Xn;R22 Xi;R38-41-43 N;R50		0.01-0.1

* Polymer.

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

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

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

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

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

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

SECTION 4: First aid measures**4.1 Description of first aid measures****Inhalation**

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,

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Ingestion: if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.
Self-protection of first aider: Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.
 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**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 Sealed Air. 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 ³	10 mg/m ³

Biological limit values, if available:

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Recommended monitoring procedures, if available:

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

DNEL/DMEL and PNEC values

Human exposure

DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetanaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetanaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetanaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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

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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
2-tert-butylcyclohexyl acetate	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
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'-acetoneaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetoneaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetoneaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m ³)
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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'-acetoneaphthone	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
undecan-4-olide	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	No data available	No data available	No data available	No data available

8.2 Exposure controls

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

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

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.
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: Use only in well ventilated areas.
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

Physical State: Liquid
Colour: Clear, Green
Odour: Perfumed
Odour threshold: Not applicable
pH: $\approx$ 8 (neat)
Melting point/freezing point (°C): Not determined
Initial boiling point and boiling range (°C): 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		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
2-tert-butylcyclohexyl acetate	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		
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		
undecan-4-olide	No data available		

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allyl heptanoate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

Method / remark

Flash point (°C): Not applicable.**Sustained combustion:** Not determined**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		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
2-tert-butylcyclohexyl acetate	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		
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		
undecan-4-olide	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 g/cm³ (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		
diethyl phthalate	No data available		
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available		
2-tert-butylcyclohexyl acetate	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		
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		
undecan-4-olide	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 determined**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

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

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 ₅₀	> 300 - 2000	Rat	OECD 423 (EU B.1 tris)	
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
diethyl phthalate	LD ₅₀	> 8000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	LD ₅₀	> 2000	Rabbit	Method not given	
sulphonic acids, C13-17-sec-alkane, sodium salts		No data			

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		available			
diethyl phthalate	LD ₅₀	> 10000	Rat	Method not given	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

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			
diethyl phthalate		No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		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			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
2-tert-butylcyclohexyl acetate	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			
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			

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2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
undecan-4-olide	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

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			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
2-tert-butylcyclohexyl acetate	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			
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			
undecan-4-olide	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			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
2-tert-butylcyclohexyl acetate	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			
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			
undecan-4-olide	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			
diethyl phthalate	No data available			
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate	No data available			
2-tert-butylcyclohexyl acetate	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			
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			
undecan-4-olide	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

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			
diethyl phthalate	No data available			

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

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coconut oil, reaction products with diethanolamine			No data available				
alpha-hexylcinnamaldehyde			No data available				
2-(4-tert-Butylbenzyl)propionaldehyde			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				
undecan-4-olide			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				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
2-tert-butylcyclohexyl acetate		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				
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				
undecan-4-olide		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				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
2-tert-butylcyclohexyl acetate		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				
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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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				
undecan-4-olide		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				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
2-tert-butylcyclohexyl acetate		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				
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				
undecan-4-olide		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)		
sulphonic acids, C13-17-sec-alkane, sodium salts			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					
2-tert-butylcyclohexyl acetate			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					
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-			No data					

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ene-1-carbaldehyde			available				
undecan-4-olide			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	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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
undecan-4-olide	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	No data available
sulphonic acids, C13-17-sec-alkane, sodium salts	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
2-tert-butylcyclohexyl acetate	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
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
undecan-4-olide	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

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkyl alcohol ethoxylate	LC ₅₀	1 - 10	<i>Cyprinus carpio</i>	OECD 203	96
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
diethyl phthalate	LC ₅₀	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			
2-tert-butylcyclohexyl acetate		No data available			
coconut oil, reaction products with diethanolamine		No data			

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		available			
alpha-hexylcinnamaldehyde		No data available			
2-(4-tert-Butylbenzyl)propionaldehyde		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			
undecan-4-olide		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 ₅₀	1 - 10	<i>Daphnia magna Straus</i>	OECD 202, static	48
sulphonic acids, C13-17-sec-alkane, sodium salts		No data available			
diethyl phthalate	EC ₅₀	> 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			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		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 ₅₀	1 - 10	<i>Desmodesmus subspicatus</i>	OECD 201, static	72
sulphonic acids, C13-17-sec-alkane, sodium salts		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			
2-tert-butylcyclohexyl acetate		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			
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			

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2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
undecan-4-olide		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			
diethyl phthalate		No data available			-
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		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 ₁₀	> 10000	Activated sludge	DIN 38412 / Part 8	17 hour(s)
sulphonic acids, C13-17-sec-alkane, sodium salts		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			
2-tert-butylcyclohexyl acetate		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			
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			
undecan-4-olide		No data available			
allyl heptanoate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Page 16 / 21 Species	Method	Exposure	Effects observed
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		(mg/l)			time	
alkyl alcohol ethoxylate		No data available				
sulphonic acids, C13-17-sec-alkane, sodium salts		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				
2-tert-butylcyclohexyl acetate		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				
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				
undecan-4-olide		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				
diethyl phthalate		No data available				
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
2-tert-butylcyclohexyl acetate		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				
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				
undecan-4-olide		No data available				
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				
diethyl phthalate		No data available			-	
3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate		No data available				
2-tert-butylcyclohexyl acetate		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				
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				
undecan-4-olide		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
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 ₅₀	Method	Evaluation
alkyl alcohol ethoxylate		CO ₂ production	> 60 % in 28 day(s)	OECD 301B	Readily biodegradable
sulphonic acids, C13-17-sec-alkane, sodium salts					No data available
diethyl phthalate					No data available

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3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate					No data available
2-tert-butylcyclohexyl acetate					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
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
undecan-4-olide					No data available
allyl heptanoate					No data available
1,2-benzisothiazol-3(2H)-one					No data available

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alkyl alcohol ethoxylate	No data available			
sulphonic acids, C13-17-sec-alkane, sodium salts	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			
2-tert-butylcyclohexyl acetate	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			
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			
undecan-4-olide	No data available			
allyl heptanoate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

Bioconcentration factor (BCF)

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

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acids, hydrogenated, me esters					
1'-acetonaphthone	No data available				
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
undecan-4-olide	No data available				
allyl heptanoate	No data available				
1,2-benzisothiazol-3(2H)-one	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
alkyl alcohol ethoxylate	No data available				Immobile in soil or sediment
sulphonic acids, C13-17-sec-alkane, sodium salts	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				
2-tert-butylcyclohexyl acetate	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				
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				
undecan-4-olide	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:**

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**ADR, RID, ADN, IMO/IMDG, ICAO/IATA****14.1 UN number:** Non-dangerous goods**14.2 UN proper shipping name:** Non-dangerous goods**14.3 Transport hazard class(es):** Non-dangerous goods**Class:** -**14.4 Packing group:** Non-dangerous goods**14.5 Environmental hazards:** Non-dangerous goods**14.6 Special precautions for user:** Non-dangerous goods**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** The product is not transported in bulk tankers.**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.**Ingredients according to EC Detergents Regulation 648/2004**

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

15.2 Chemical safety assessment

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

SECTION 16: Other information

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

MSDS code: MSDS6132

Version: 04.0

Revision: 2015-01-09

Reason for revision:

Overall design adjusted in accordance with Amendment 453/2010, Annex II of Regulation (EC) No 1907/2006

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 R, 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.
- R21 - Harmful in contact with skin.
- R22 - Harmful if swallowed.
- R36 - Irritating to eyes.
- R38 - Irritating to skin.
- R41 - Risk of serious damage to eyes.
- R43 - May cause sensitisation by skin contact.
- R50 - Very toxic to aquatic organisms.
- R62 - Possible risk of impaired fertility.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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