



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Revision date 03/06/2024

Revision Number 1

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

1.1. Product identifier

Product Code(s)	C5735
Safety data sheet number	0000059
Product Name	Astonish Shower Creme Rose
Pure substance/mixture	Mixture
Formula	5735F1

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

Recommended use Consumer use Personal care

Uses advised against

1.3. Details of the supplier of the safety data sheet

Manufacturer

The London Oil Refining Company Ltd
Astonish House
Unit 8 Thornbury Ind. Est.
Woodhall Road
Bradford BD3 7AF, UK
Tel: +44 1274 767440 (8am-4pm Mon-Fri)
www.astonish.co.uk

For further information, please contact

E-mail address info@astonish.co.uk

1.4. Emergency telephone number

Emergency Telephone UK - Emergency Telephone: +44 (0) 1274 767440 (8am-4pm Mon-Fri).

Alternatively in UK: Contact NHS 111 Telephone 111 (24 hours a day, 7days a week):
Website 111.nhs.uk or a doctor

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified

2.2. Label elements

Not classified

Hazard statements

Not classified

Unknown aquatic toxicity Contains 3.55437 % of components with unknown hazards to the aquatic environment.

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
WATER -	50 - <100%	-	-	-	-	-	-
Sodium Laureth Sulfate 68891-38-3	2.5 - <5%	500-234-8	-	Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Sodium Chloride 7647-14-5	2.5 - <5%	231-598-3	-	-	-	-	-
Cocamidopropyl Betaine -	0.5 - <1%	931-296-8	-	Aquatic Chronic 3 (H412) Eye Dam. 1 (H318)	-	-	-
Sodium Benzoate 532-32-1	0.5 - <1%	208-534-8	-	Aquatic Chronic 3 (H412) Eye Irrit. 2 (H319)	-	-	-
Polyquatarnium-7 26590-05-6	0.025 - <0.25%	-	-	Aquatic Chronic 3 (H412)	-	-	-
Citric Acid Monohydrate	0.025 - <0.25%	201-069-1	-	Eye Irrit. 2 (H319)	-	-	-

5949-29-1								
Fatty acids, C16-18, esters with ethylene glycol 91031-31-1	0.025 - <0.25%	292-932-1	-	-	-	-	-	-
Tetrasodium N,N-bis(carboxylato methyl)-L-glutamate 51981-21-6	0.025 - <0.25%	257-573-7	-	-	-	-	-	-
Glycerol 56-81-5	0.025 - <0.25%	200-289-5	-	-	-	-	-	-
DL-Panthenol 16485-10-2	0.025 - <0.25%	240-540-6	-	-	-	-	-	-
1-Propanaminium, 3-amino-N-(carboxy methyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	0.025 - <0.25%	263-058-8	-	-	-	-	-	-
Linalool 78-70-6	<0.025%	201-134-4	-	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	-	-	-	-
Benzyl salicylate 118-58-1	<0.025%	204-262-9	-	Aquatic Chronic 3 (H412) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)	-	-	-	-
Vanillin 121-33-5	<0.025%	204-465-2	-	Eye Irrit. 2 (H319)	-	-	-	-
Linalyl acetate 115-95-7	<0.025%	204-116-4	-	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	-	-	-	-
Ionone Beta 14901-07-6	<0.025%	238-969-9	-	Aquatic Chronic 2 (H411)	-	-	-	-
3-methyl-5-phenyl pentanol 55066-48-3	<0.025%	259-461-3	-	Acute Tox. 4 (H302)	-	-	-	-
3-hydroxy-2-ethyl-2 H-pryan-4-one 4940-11-8	<0.025%	225-582-5	-	Acute Tox. 4 (H302)	-	-	-	-
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphyl)ethan-1-one 54464-57-2	<0.025%	259-174-3	-	Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	-	-	-	-
Sodium chloride 7647-14-5	<0.025%	231-598-3	-	-	-	-	-	-
2-hydroxyethyl stearate 111-60-4	<0.025%	203-886-9	-	-	-	-	-	-
d-Limonene 5989-27-5	<0.025%	227-813-5	-	Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	-	-	-	-
Geranyl acetate 105-87-3	<0.025%	203-341-5	-	Aquatic Chronic 3 (H412) Skin Sens. 1 (H317) Skin Irrit. 2 (H315)	-	-	-	-

2-Methyl-3-(p-isoPropylPhenyl)Propionaldehyde 103-95-7	<0.025%	203-161-7	-	Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	-	-	-
dl-Citronellol 106-22-9	<0.025%	203-375-0	-	Skin Sens. 1 (H317) Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	-	-	-
Sodium benzoate 532-32-1	<0.025%	208-534-8	-	-	-	-	-
Citric acid 77-92-9	<0.025%	(607-750-00-3) 201-069-1	-	-	-	-	-
1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one 23696-85-7	<0.025%	245-833-2	-	Aquatic Chronic 2 (H411) Skin Sens. 1A (H317)	-	-	-
Geraniol 106-24-1	<0.025%	203-377-1	-	Skin Sens. 1 (H317) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	-	-
Citral 5392-40-5	<0.025%	(605-019-00-3) 226-394-6	-	Skin Sens. 1 (H317) Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	-	-	-
Farnesol 4602-84-0	<0.025%	225-004-1	-	-	-	-	-
benzyl benzoate 120-51-4	<0.025%	(607-085-00-9) 204-402-9	-	Aquatic Chronic 2 (H411) Aquatic Acute 1 (H400) Acute Tox. 4 (H302)	-	-	-
benzyl alcohol 100-51-6	<0.025%	(603-057-00-5) 202-859-9	-	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) Acute Tox. 4 (H302)	-	-	-

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Rinse mouth.

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

Symptoms	No information available.
Effects of Exposure	See Section 11 for additional Toxicological Information.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid contact with eyes.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Avoid contact with eyes.

General hygiene considerations Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

Chemical name	United Kingdom
Glycerol 56-81-5	TWA: 10 mg/m ³ STEL: 30 mg/m ³

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Sodium Laureth Sulfate 68891-38-3		2750 mg/kg bw/day [4] [6] 132 µg/cm ² [5] [6]	175 mg/m ³ [4] [6]
Sodium Chloride 7647-14-5		295.52 mg/kg bw/day [4] [6] 295.52 mg/kg bw/day [4] [7]	2068.62 mg/m ³ [4] [6] 2068.62 mg/m ³ [4] [7]
Sodium Benzoate 532-32-1		62.5 mg/kg bw/day [4] [6]	3 mg/m ³ [4] [6] 0.1 mg/m ³ [5] [6]
Glycerol 56-81-5			56 mg/m ³ [5] [6]
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate 51981-21-6		15000 mg/kg bw/day [4] [6]	7.3 mg/m ³ [4] [6]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0		2.33 mg/kg bw/day [4] [6]	8.22 mg/m ³ [4] [6]
Linalool 78-70-6		2.5 mg/kg bw/day [4] [6] 5 mg/kg bw/day [4] [7] 3 mg/cm ² [5] [6] 3 mg/cm ² [5] [7]	2.8 mg/m ³ [4] [6] 16.5 mg/m ³ [4] [7]
Benzyl salicylate 118-58-1		2.21 mg/kg bw/day [4] [6]	7.8 mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
Ionone Beta 14901-07-6		2.191252632 mg/kg bw/day [4] [6]	2.498028 mg/m ³ [4] [6]
Linalyl acetate 115-95-7		2.5 mg/kg bw/day [4] [6] 236.2 µg/cm ² [5] [6] 236.2 µg/cm ² [5] [7]	2.75 mg/m ³ [4] [6]
3-hydroxy-2-ethyl-2H-pryan-4-one 4940-11-8		16.7 mg/kg bw/day [4] [6]	58.7 mg/m ³ [4] [6]
3-methyl-5-phenyl pentanol 55066-48-3		0.5 mg/kg bw/day [4] [6] 3 mg/kg bw/day [4] [7] 0.13 mg/cm ² [5] [6]	0.88 mg/m ³ [4] [6] 5.3 mg/m ³ [4] [7]
Sodium chloride 7647-14-5		295.52 mg/kg bw/day [4] [6] 295.52 mg/kg bw/day [4] [7]	2068.62 mg/m ³ [4] [6] 2068.62 mg/m ³ [4] [7]
2-Methyl-3-(p-isoPropylPhenyl)Propion aldehyde 103-95-7		1.67 mg/kg bw/day [4] [6] 7.43 µg/cm ² [5] [6]	5.83 mg/m ³ [4] [6]
Geranyl acetate 105-87-3		35.5 mg/kg bw/day [4] [6]	62.59 mg/m ³ [4] [6]
dl-Citronellol 106-22-9		327.4 mg/kg bw/day [4] [6] 2950 µg/cm ² [5] [7]	161.6 mg/m ³ [4] [6] 10 mg/m ³ [5] [6] 10 mg/m ³ [5] [7]
Sodium benzoate 532-32-1		62.5 mg/kg bw/day [4] [6]	3 mg/m ³ [4] [6] 0.1 mg/m ³ [5] [6]
Geraniol 106-24-1		12.5 mg/kg bw/day [4] [6] 11800 µg/cm ² [5] [6]	161.6 mg/m ³ [4] [6]
Citral 5392-40-5		1.7 mg/kg bw/day [4] [6] 140 µg/cm ² [5] [6]	9 mg/m ³ [4] [6]
Farnesol 4602-84-0		1.32 mg/kg bw/day [4] [6]	1.85 mg/m ³ [4] [6]
benzyl benzoate 120-51-4		2.6 mg/kg bw/day [4] [6]	5.1 mg/m ³ [4] [6] 102 mg/m ³ [4] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Sodium Laureth Sulfate 68891-38-3	15 mg/kg bw/day [4] [6]	79 µg/cm ² [5] [6]	52 mg/m ³ [4] [6]
Sodium Chloride 7647-14-5	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	443.28 mg/m ³ [4] [6] 443.28 mg/m ³ [4] [7]
Sodium Benzoate 532-32-1	16.6 mg/kg bw/day [4] [6]		1.5 mg/m ³ [4] [6] 0.06 mg/m ³ [5] [6]
Glycerol 56-81-5	229 mg/kg bw/day [4] [6]		33 mg/m ³ [5] [6]
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamat e 51981-21-6	1.5 mg/kg bw/day [4] [6]		1.8 mg/m ³ [4] [6]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimet hyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	0.833 mg/kg bw/day [4] [6]		1.45 mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
Linalool 78-70-6	0.2 mg/kg bw/day [4] [6] 1.2 mg/kg bw/day [4] [7]	2.5 mg/kg bw/day [4] [6] 2.5 mg/kg bw/day [4] [7] 1.5 mg/cm ² [5] [6] 1.5 mg/cm ² [5] [7]	0.7 mg/m ³ [4] [6] 4.1 mg/m ³ [4] [7]
Benzyl salicylate 118-58-1	0.79 mg/kg bw/day [4] [6]		1.37 mg/m ³ [4] [6]
Ionone Beta 14901-07-6	4.382505263 mg/kg bw/day [4] [6]		0.6214 mg/m ³ [4] [6]
Linalyl acetate 115-95-7	0.2 mg/kg bw/day [4] [6]	236.2 µg/cm ² [5] [6] 236.2 µg/cm ² [5] [7]	0.68 mg/m ³ [4] [6]
3-hydroxy-2-ethyl-2H-pyran-4-one 4940-11-8	10 mg/kg bw/day [4] [6]		17.4 mg/m ³ [4] [6]
3-methyl-5-phenyl pentanol 55066-48-3	0.06 mg/kg bw/day [4] [6] 0.375 mg/kg bw/day [4] [7]	1.5 mg/kg bw/day [4] [6] 1.5 mg/kg bw/day [4] [7] 0.065 mg/cm ² [5] [6] 0.39 mg/cm ² [5] [7]	0.21 mg/m ³ [4] [6] 1.3 mg/m ³ [4] [7]
Sodium chloride 7647-14-5	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	443.28 mg/m ³ [4] [6] 443.28 mg/m ³ [4] [7]
2-Methyl-3-(p-isoPropylPhenyl)Propion aldehyde 103-95-7	0.83 mg/kg bw/day [4] [6]	3.72 µg/cm ² [5] [6]	1.45 mg/m ³ [4] [6]
Geranyl acetate 105-87-3	8.9 mg/kg bw/day [4] [6]		15.4 mg/m ³ [4] [6]
dl-Citronellol 106-22-9	13.8 mg/kg bw/day [4] [6]	2950 µg/cm ² [5] [7]	47.8 mg/m ³ [4] [6] 10 mg/m ³ [5] [6] 10 mg/m ³ [5] [7]
Sodium benzoate 532-32-1	16.6 mg/kg bw/day [4] [6]		1.5 mg/m ³ [4] [6] 0.06 mg/m ³ [5] [6]
Geraniol 106-24-1	13.75 mg/kg bw/day [4] [6]	11800 µg/cm ² [5] [6]	47.8 mg/m ³ [4] [6]
Citral 5392-40-5	0.6 mg/kg bw/day [4] [6]	140 µg/cm ² [5] [6]	2.7 mg/m ³ [4] [6]
Farnesol 4602-84-0	0.263 mg/kg bw/day [4] [6]		0.457 mg/m ³ [4] [6]
benzyl benzoate 120-51-4	0.4 mg/kg bw/day [4] [6] 78 mg/kg bw/day [4] [7]		1.25 mg/m ³ [4] [6] 25 mg/m ³ [4] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Sodium Laureth Sulfate 68891-38-3	0.24 mg/L	0.071 mg/L	0.024 mg/L		
Sodium Chloride 7647-14-5	5 mg/L				
Sodium Benzoate 532-32-1	0.13 mg/L	305 µg/L	0.013 mg/L		
Glycerol 56-81-5	0.885 mg/L	8.85 mg/L	0.0885 mg/L		

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate 51981-21-6	9.45 mg/L	0.953 mg/L	0.945 mg/L	0.0953 mg/L	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	3.2 µg/L	20 µg/L	0.32 µg/L	2 µg/L	
Linalool 78-70-6	0.2 mg/L	2 mg/L	0.02 mg/L		
Benzyl salicylate 118-58-1	0.00103 mg/L	0.0103 mg/L	0.000103 mg/L		
Ionone Beta 14901-07-6	0.00146 mg/L	0.0146 mg/L	0.000146 mg/L		
Linalyl acetate 115-95-7	0.011 mg/L	0.11 mg/L	0.0011 mg/L		
3-hydroxy-2-ethyl-2H-pyran-4-one 4940-11-8	7.2 µg/L		0.72 µg/L		
3-methyl-5-phenyl pentanol 55066-48-3	0.013 mg/L	0.13 mg/L	0.0013 mg/L		
Sodium chloride 7647-14-5	5 mg/L				
2-Methyl-3-(p-isoPropylPhenyl)Propionaldehyde 103-95-7	1.09 µg/L	10.92 µg/L	0.11 µg/L		
Geranyl acetate 105-87-3	3.72 µg/L	37.2 µg/L	0.372 µg/L		
dl-Citronellol 106-22-9	0.0024 mg/L	0.024 mg/L	0.00024 mg/L		
Sodium benzoate 532-32-1	0.13 mg/L	305 µg/L	0.013 mg/L		
Geraniol 106-24-1	0.0108 mg/L	0.108 mg/L	0.00108 mg/L		
Citral 5392-40-5	0.00678 mg/L	0.0678 mg/L	0.000678 mg/L		
Farnesol 4602-84-0	0.568 µg/L	5.68 µg/L	0.0568 µg/L	0.568 µg/L	
benzyl benzoate 120-51-4	0.0168 mg/L		0.00168 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Sodium Laureth Sulfate 68891-38-3	0.9168 mg/kg sediment dw	0.0917 mg/kg sediment dw	10 g/L	7.5 mg/kg soil dw	
Sodium Chloride 7647-14-5			500 mg/L	4.86 mg/kg soil dw	
Sodium Benzoate 532-32-1	1.76 mg/kg sediment dw	0.176 mg/kg sediment dw	10 mg/L	0.06 mg/kg soil dw	300 mg/kg food
Fatty acids, C16-18, esters				0.2638 mg/kg soil	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
with ethylene glycol 91031-31-1				dw	
Glycerol 56-81-5	3.3 mg/kg sediment dw	0.33 mg/kg sediment dw	1000 mg/L	0.141 mg/kg soil dw	
Tetrasodium N,N-bis(carboxylatomethyl) -L-glutamate 51981-21-6			41.2 mg/L	0.5 mg/kg soil dw	67 mg/kg food
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts 61789-40-0	0.219 mg/kg sediment dw	21.9 µg/kg sediment dw	300 mg/L	41.9 µg/kg soil dw	
Linalool 78-70-6	2.22 mg/kg sediment dw	0.222 mg/kg sediment dw	10 mg/L	0.327 mg/kg soil dw	7.8 mg/kg food
Benzyl salicylate 118-58-1	0.583 mg/kg sediment dw	0.0583 mg/kg sediment dw	10 mg/L	1.41 mg/kg soil dw	52.7 mg/kg food
Ionone Beta 14901-07-6	22.45122592 mg/kg sediment dw	22.45122592 mg/kg sediment dw	0.0428 mg/L	10.46619104 mg/kg soil dw	
Linalyl acetate 115-95-7	0.609 mg/kg sediment dw	0.0609 mg/kg sediment dw	1 mg/L	0.115 mg/kg soil dw	
3-hydroxy-2-ethyl-2H-pyra n-4-one 4940-11-8	0.27 mg/kg sediment dw	0.027 mg/kg sediment dw	1.55 mg/L	0.049 mg/kg soil dw	
3-methyl-5-phenyl pentanol 55066-48-3	1.0335 mg/kg sediment dw	0.10335 mg/kg sediment dw	10 mg/L	0.199 mg/kg soil dw	10 mg/kg food
Sodium chloride 7647-14-5			500 mg/L	4.86 mg/kg soil dw	
2-Methyl-3-(p-isoPropylPh enyl)Propionaldehyde 103-95-7	0.126 mg/kg sediment dw	0.0126 mg/kg sediment dw	1 mg/L	0.0245 mg/kg soil dw	33.3 mg/kg food
Geranyl acetate 105-87-3	0.442 mg/kg sediment dw	0.0442 mg/kg sediment dw	8 mg/L	0.0859 mg/kg soil dw	
dl-Citronellol 106-22-9	0.0256 mg/kg sediment dw	0.00256 mg/kg sediment dw	580 mg/L	0.00371 mg/kg soil dw	
Sodium benzoate 532-32-1	1.76 mg/kg sediment dw	0.176 mg/kg sediment dw	10 mg/L	0.06 mg/kg soil dw	300 mg/kg food
Geraniol 106-24-1	0.115 mg/kg sediment dw	0.0115 mg/kg sediment dw	0.7 mg/L	0.0167 mg/kg soil dw	
Citral 5392-40-5	0.125 mg/kg sediment dw	0.0125 mg/kg sediment dw	1.6 mg/L	0.0209 mg/kg soil dw	
Farnesol 4602-84-0	87.19 µg/kg sediment dw	8.72 µg/kg sediment dw	10 mg/L	17.07 µg/kg soil dw	
benzyl benzoate 120-51-4	10.66 mg/kg sediment dw	1.07 mg/kg sediment dw	100 mg/L	2.12 mg/kg soil dw	

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Avoid contact with eyes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Opaque White Viscous Liquid
Color	white
Odor	Fruity/Floral.
Odor threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	> 100 °C	Not measured (>100°C)
Flammability	No data available	Does not ignite
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	4.0 - 6.0	pH (concentrated solution): 3.0 - 4.2
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	4500 - 7500 cP @ 20°C	
Water solubility	Soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapor pressure	No data available	None known
Relative density	1.030 - 1.050 @ 20°C	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	> 1 (Air=1)	None known
Particle characteristics		
Particle Size		
Particle Size Distribution		
Explosive properties	None	
Oxidizing properties	No information available	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation No known effect based on information supplied.

Eye contact May cause irritation.

Skin contact No known effect based on information supplied.

Ingestion No known effect based on information supplied.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Laureth Sulfate	-	> 2000 mg/kg (Rat)	-

Sodium Chloride	= 3 g/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42 mg/L (Rat) 1 h
Sodium Benzoate	= 4070 mg/kg (Rat)	-	-
Citric Acid Monohydrate	= 3 g/kg (Rat)	> 2000 mg/kg (Rat)	-
Fatty acids, C16-18, esters with ethylene glycol	> 5000 mg/kg (Rat)	-	-
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	-	> 2000 mg/kg (Rat)	> 4.2 mg/L (Rat) 4 h
Glycerol	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 2.75 mg/L (Rat) 4 h
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Linalool	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
Benzyl salicylate	= 2227 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Vanillin	= 1580 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	-
Linalyl acetate	= 14550 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Ionone Beta	= 4590 mg/kg (Rat)	-	-
3-methyl-5-phenyl pentanol	-	> 5000 mg/kg (Rat)	-
3-hydroxy-2-ethyl-2H-pyran-4-one	= 1150 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Sodium chloride	= 3 g/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42 mg/L (Rat) 1 h
2-hydroxyethyl stearate	> 5000 mg/kg (Rat)	-	-
d-Limonene	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Geranyl acetate	= 6330 mg/kg (Rat)	-	-
2-Methyl-3-(p-isoPropylPhenyl) Propionaldehyde	= 3810 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
dl-Citronellol	= 3450 mg/kg (Rat)	= 2650 mg/kg (Rabbit)	-
Sodium benzoate	= 4070 mg/kg (Rat)	-	-
Citric acid	= 3 g/kg (Rat)	> 2000 mg/kg (Rat)	-
Geraniol	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Citral	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
Farnesol	= 6 g/kg (Rat)	> 15000 mg/kg (Rat)	-
benzyl benzoate	= 500 mg/kg (Rat)	= 4000 mg/kg (Rabbit)	-
benzyl alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	> 4178 mg/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Irritating to eyes.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

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

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

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

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

Other adverse effects No other adverse effects expected.

SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity Not considered to be harmful to aquatic life.

Unknown aquatic toxicity Contains 3.55437 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Chloride	-	LC50: 5560 - 6080mg/L (96h, Lepomis macrochirus) LC50: =12946mg/L (96h, Lepomis macrochirus) LC50: 6020 - 7070mg/L (96h, Pimephales promelas) LC50: =7050mg/L (96h, Pimephales promelas) LC50: 6420 - 6700mg/L (96h, Pimephales promelas)	-	EC50: =1000mg/L (48h, Daphnia magna) EC50: 340.7 - 469.2mg/L (48h, Daphnia magna)

		LC50: 4747 - 7824mg/L (96h, Oncorhynchus mykiss)		
Sodium Benzoate	-	LC50: 420 - 558mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas)	-	EC50: <650mg/L (48h, Daphnia magna)
Citric Acid Monohydrate	-	LC50: =1516mg/L (96h, Lepomis macrochirus)	-	-
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	-	LC50: >100mg/L (96h, Oncorhynchus mykiss)	-	-
Glycerol	-	LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)	-	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	EC50: 1.0 - 10.0mg/L (72h, Desmodesmus subspicatus)	LC50: 1.0 - 10.0mg/L (96h, Brachydanio rerio) LC50: =2mg/L (96h, Brachydanio rerio)	-	EC50: =6.5mg/L (48h, Daphnia magna)
Linalool	EC50: =88.3mg/L (96h, Desmodesmus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)
Benzyl salicylate	-	LC50: =1.03mg/L (96h, Danio rerio)	-	-
Vanillin	-	LC50: 53 - 61.3mg/L (96h, Pimephales promelas) LC50: =88mg/L (96h, Pimephales promelas) LC50: =57mg/L (96h, Pimephales promelas)	-	-
Linalyl acetate	-	LC50: =11mg/L (96h, Cyprinus carpio)	-	-
3-hydroxy-2-ethyl-2H-pyran-4-one	-	LC50: >85mg/L (96h, Oncorhynchus mykiss)	-	-
Sodium chloride	-	LC50: 5560 - 6080mg/L (96h, Lepomis macrochirus) LC50: =12946mg/L (96h, Lepomis macrochirus) LC50: 6020 - 7070mg/L (96h, Pimephales promelas) LC50: =7050mg/L (96h, Pimephales promelas) LC50: 6420 - 6700mg/L (96h, Pimephales promelas) LC50: 4747 - 7824mg/L (96h, Oncorhynchus mykiss)	-	EC50: =1000mg/L (48h, Daphnia magna) EC50: 340.7 - 469.2mg/L (48h, Daphnia magna)
d-Limonene	-	LC50: 0.619 - 0.796mg/L (96h, Pimephales promelas) LC50: =35mg/L (96h, Oncorhynchus mykiss)	-	-
dl-Citronellol	-	-	-	EC50: =17mg/L (48h, Daphnia magna)
Sodium benzoate	-	LC50: 420 - 558mg/L	-	EC50: <650mg/L (48h,

		(96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas)		Daphnia magna)
Citric acid	-	LC50: =1516mg/L (96h, Lepomis macrochirus)	-	-
Geraniol	-	LC50: =22mg/L (96h, Danio rerio)	-	-
Citral	EC50: =16mg/L (72h, Desmodemus subspicatus) EC50: =19mg/L (96h, Desmodemus subspicatus)	-	-	EC50: =7mg/L (48h, Daphnia magna)
benzyl benzoate	-	LC50: =2.32mg/L (96h, Danio rerio)	-	-
benzyl alcohol	-	LC50: =460mg/L (96h, Pimephales promelas) LC50: =10mg/L (96h, Lepomis macrochirus)	-	EC50: =23mg/L (48h, water flea)

12.2. Persistence and degradability

Persistence and degradability None known.

12.3. Bioaccumulative potential

Bioaccumulation Not likely to bioaccumulate.

Component Information

Chemical name	Partition coefficient
Sodium Laureth Sulfate	0.3
Sodium Benzoate	-2.13
Citric Acid Monohydrate	-1.72
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	<0
Glycerol	-1.75
DL-Panthenol	-1.02
Linalool	2.9
Benzyl salicylate	4
Vanillin	1.23
Linalyl acetate	3.9
Ionone Beta	1.903
3-methyl-5-phenyl pentanol	2.7
3-hydroxy-2-ethyl-2H-pyran-4-one	2.9
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	5.7
d-Limonene	4.38
Geranyl acetate	4.04
2-Methyl-3-(p-isoPropylPhenyl)Propionaldehyde	3.4
dl-Citronellol	3.41
Sodium benzoate	-2.13
Citric acid	-1.72
Geraniol	2.6
Citral	2.76
Farnesol	4.78
benzyl benzoate	3.97
benzyl alcohol	1.05

12.4. Mobility in soil

Mobility in soil Not determined.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Sodium Laureth Sulfate	The substance is not PBT / vPvB
Sodium Chloride	The substance is not PBT / vPvB
Sodium Benzoate	The substance is not PBT / vPvB
Citric Acid Monohydrate	The substance is not PBT / vPvB
Fatty acids, C16-18, esters with ethylene glycol	The substance is not PBT / vPvB
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	The substance is not PBT / vPvB
Glycerol	The substance is not PBT / vPvB
DL-Panthenol	The substance is not PBT / vPvB
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	The substance is not PBT / vPvB
Linalool	The substance is not PBT / vPvB
Benzyl salicylate	The substance is not PBT / vPvB
Vanillin	The substance is not PBT / vPvB
Linalyl acetate	The substance is not PBT / vPvB
Ionone Beta	The substance is not PBT / vPvB
3-methyl-5-phenyl pentanol	The substance is not PBT / vPvB
3-hydroxy-2-ethyl-2H-pyran-4-one	The substance is not PBT / vPvB
Sodium chloride	The substance is not PBT / vPvB
d-Limonene	The substance is not PBT / vPvB
Geranyl acetate	The substance is not PBT / vPvB
2-Methyl-3-(p-isoPropylPhenyl)Propionaldehyde	The substance is not PBT / vPvB
dl-Citronellol	The substance is not PBT / vPvB
Sodium benzoate	The substance is not PBT / vPvB
Citric acid	The substance is not PBT / vPvB
Geraniol	The substance is not PBT / vPvB
Citral	The substance is not PBT / vPvB
Farnesol	The substance is not PBT / vPvB
benzyl benzoate	The substance is not PBT / vPvB
benzyl alcohol	The substance is not PBT / vPvB

12.6. Other adverse effects**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	Not Applicable
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not Applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	Not regulated

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

Chemical name	The Biocidal Products Regulations 2001 (as amended)
Sodium Benzoate - 532-32-1	Simplified procedure - Category A
Sodium benzoate - 532-32-1	Simplified procedure - Category A
Citric acid - 77-92-9	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals
Geraniol - 106-24-1	Product-type 18: Insecticides, acaricides and products to control other arthropods Product-type 19: Repellents and attractants

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA	- United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL	- Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	- Japan Existing and New Chemical Substances
IECSC	- China Inventory of Existing Chemical Substances
KECL	- Korean Existing and Evaluated Chemical Substances
PICCS	- Philippines Inventory of Chemicals and Chemical Substances
AIIC	- Australian Inventory of Industrial Chemicals
NZIoC	- New Zealand Inventory of Chemicals

15.2. Chemical safety assessment**Chemical Safety Report**

A Chemical Safety Assessment has not been carried out for this mixture. An independent safety assessment has been carried out in accordance with Regulation (EC) No. 1223/2009 of 30/11/2009 and replaces the Directive 76/768/EEC concerning cosmetic products. The assessment confirmed the product to be safe for use in its stated application. A copy of this assessment is available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet**

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H318 - Causes serious eye damage

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	On basis of test data
Acute dermal toxicity	On basis of test data
Acute inhalation toxicity - gas	On basis of test data
Acute inhalation toxicity - vapor	On basis of test data
Acute inhalation toxicity - dust/mist	On basis of test data
Skin corrosion/irritation	On basis of test data
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitization	On basis of test data
Skin sensitization	Calculation method
Mutagenicity	On basis of test data
Carcinogenicity	On basis of test data
Reproductive toxicity	On basis of test data
STOT - single exposure	On basis of test data
STOT - repeated exposure	On basis of test data
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	On basis of test data
Ozone	On basis of test data
Gases under pressure	On basis of test data

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

Revision date

03/06/2024

This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended) Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

UK SDS version information - XGHS

UL release:

GHS Revision 7

2022 Q1

United Kingdom

Partial process, including GHS Wizard, NO TW

Full text of H-Statements referred to under section 3 H315 - Causes skin irritation H318 - Causes serious eye damage H412 - Harmful to aquatic life with long lasting effects

Chemical name	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)
Sodium Laureth Sulfate	Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	
Cocamidopropyl Betaine	Aquatic Chronic 3 (H412) Eye Dam. 1 (H318)	
Sodium Benzoate	Aquatic Chronic 3 (H412) Eye Irrit. 2 (H319)	
Polyquaternium-7	Aquatic Chronic 3 (H412)	
Citric Acid Monohydrate	Eye Irrit. 2 (H319)	
Linalool	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	
Benzyl salicylate	Aquatic Chronic 3 (H412) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)	
Vanillin	Eye Irrit. 2 (H319)	
Linalyl acetate	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	
Ionone Beta	Aquatic Chronic 2 (H411)	
3-methyl-5-phenyl pentanol	Acute Tox. 4 (H302)	
3-hydroxy-2-ethyl-2H-pyran-4-one	Acute Tox. 4 (H302)	
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	
d-Limonene	Asp. Tox. 1 (H304) Flam. Liq. 3 (H226) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	
Geranyl acetate	Aquatic Chronic 3 (H412) Skin Sens. 1 (H317) Skin Irrit. 2 (H315)	
2-Methyl-3-(p-isoPropylPhenyl)Propionaldehyde	Aquatic Chronic 3 (H412) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	
dl-Citronellol	Skin Sens. 1 (H317)	

	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	
1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one	Aquatic Chronic 2 (H411) Skin Sens. 1A (H317)	
Geraniol	Skin Sens. 1 (H317) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	
Citral	Skin Sens. 1 (H317) Eye Irrit. 2 (H319) Skin Irrit. 2 (H315)	
benzyl benzoate	Aquatic Chronic 2 (H411) Aquatic Acute 1 (H400) Acute Tox. 4 (H302)	
benzyl alcohol	Acute Tox. 4 (H332) Eye Irrit. 2 (H319) Acute Tox. 4 (H302)	