SAFETY DATA SHEET
Infinity Premium Fabric Conditioner

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	Infinity Premium Fabric Conditioner
Product number	05340 / 05343

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

Identified uses	Last rinse additive; finishing agent

1.3. Details of the supplier of the safety data sheet

Supplier	Trust Hygiene Services Ltd Principle House Leamore Lane Bloxwich Walsall WS2 7PS Tel: 0370 3500 988 Email: sales@trusthygiene.co.uk

1.4. Emergency telephone number

Emergency telephone	0370 3500 988 (Mon - Fri 0900 - 1700
National emergency telephone number	NHS 111 (Out of hours)

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements	EUH208 Contains 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one, COUMARIN, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P273 Avoid release to the environment. P262 Do not get in eyes, on skin, or on clothing. P501 Dispose of contents/ container in accordance with national regulations.
Detergent labelling	< 5% aliphatic hydrocarbons, < 5% cationic surfactants, < 5% perfumes, Contains COUMARIN, HEXYL CINNAMAL, GERANIOL, LIMONENE, METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized — 3-5%

CAS number: 91995-81-2 EC number: 931-203-0

Classification
Aquatic Chronic 3 - H412

propan-2-ol — <1%

CAS number: 67-63-0 EC number: 200-661-7

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one — 0.26%

CAS number: 54464-57-2 EC number: 259-174-3

M factor (Chronic) = 1

Classification
Skin Irrit. 2 - H315
Skin Sens. 1B - H317
Aquatic Chronic 1 - H410

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COUMARIN 0.13%

CAS number: 91-64-5 EC number: 202-086-7

Classification
Acute Tox. 4 - H302
Skin Sens. 1B - H317
Aquatic Chronic 3 - H412

hexahydro-hexamethyl-cyclopenta-benzopyran 0.066%

CAS number: 1222-05-5 EC number: 214-946-9 UK REACH registration number: UK-01-0222256558-8-XXXX

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Vanillin 0.066%

CAS number: 121-33-5 EC number: 204-465-2

Classification
Eye Irrit. 2 - H319

a-hexylcinnamaldehyde 0.066%

CAS number: 101-86-0 EC number: 202-983-3

M factor (Acute) = 1

Classification
Skin Sens. 1B - H317
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

GERANIOL 0.032%

CAS number: 106-24-1 EC number: 203-377-1

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317

Alpha-Terpineol 0.031%

CAS number: 98-55-5 EC number: 202-680-6

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

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d-LIMONENE 0.031%

CAS number: 5989-27-5 EC number: 227-813-5

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Flam. Liq. 3 - H226
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

AMYL SALICYLATE 0.012%

CAS number: 2050-08-0 EC number: 218-080-2

Classification
Aquatic Chronic 2 - H411

Diphenyl Ether <1%

CAS number: 101-84-8 EC number: 202-981-2

M factor (Acute) = 1

Classification
Eye Irrit. 2 - H319
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

DAMASCONE (DELTA) 0.0032%

CAS number: 57378-68-4 EC number: 260-709-8

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

LINALYL ACETATE 0.0015%

CAS number: 115-95-7 EC number: 204-116-4

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1 - H317

Linalool 0.0015%

CAS number: 78-70-6 EC number: 201-134-4

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1B - H317

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reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<1%
CAS number: 55965-84-9	EC number: 911-418-6
M factor (Acute) = 100	M factor (Chronic) = 100

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1C - H314
Skin Sens. 1A - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

Composition comments: No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.

Inhalation: Unlikely route of exposure as the product does not contain volatile substances. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion: May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact: May cause sensitisation or allergic reactions in sensitive individuals. May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact: May cause eye irritation.

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

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: No unusual fire or explosion hazards noted.

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Hazardous combustion products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Dangerous for the environment if discharged into watercourses. If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions	Dangerous for the environment if discharged into watercourses. Harmful to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep above the chemical's freezing point to avoid rupturing the container. Keep container tightly closed, in a cool, well ventilated place.
Storage class	Chemical storage.

7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

Diphenyl Ether

Long-term exposure limit (8-hour TWA): WEL 1 ppm 7 mg/m³
Short-term exposure limit (15-minute): WEL 2 ppm 14 mg/m³
WEL = Workplace Exposure Limit.

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Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized (CAS: 91995-81-2)

DNEL	Workers - Dermal; Long term systemic effects: 105 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 14.8 mg/m³ Consumer - Oral; Long term systemic effects: 1.5 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 2.61 mg/m³ Consumer - Dermal; Long term systemic effects: 37.5 mg/kg bw/day
PNEC	- Fresh water; 0.022 mg/l - marine water; 0.002 mg/l - Sediment (Freshwater); 22.48 mg/kg dry weight - Sediment (Marinewater); 2.248 mg/kg dry weight - Soil; 4.483 mg/kg dry weight - STP; 2.96 mg/l

propan-2-ol (CAS: 67-63-0)

DNEL	Workers - Dermal; Long term systemic effects: 888 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 500 mg/m³ Consumer - Dermal; Long term systemic effects: 319 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 89 mg/m³ Consumer - Oral; Long term systemic effects: 26 mg/kg bw/day
PNEC	- Fresh water; 140.9 mg/l - marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - STP; 2251 mg/l - Sediment; 552 mg/kg - Soil; 28 mg/kg

a-hexylcinnamaldehyde (CAS: 101-86-0)

DNEL	Workers - Inhalation; Long term systemic effects: 0.078 mg/m³ Workers - Inhalation; Short term local effects: 6.28 mg/m³ Workers - Dermal; Long term systemic effects: 18.2 mg/kg bw/day Workers - Dermal; Long term local effects: 0.525 mg/cm² Consumer - Inhalation; Long term systemic effects: 0.019 mg/m³ Consumer - Inhalation; Short term local effects: 4.71 mg/m³ Consumer - Dermal; Long term systemic effects: 9.11 mg/kg bw/day Consumer - Dermal; Long term local effects: 0.0787 mg/cm² Consumer - Dermal; Short term local effects: 0.0787 mg/cm² Consumer - Oral; Long term systemic effects: 0.056 mg/kg bw/day
PNEC	Fresh water; 0.00126 mg/l marine water; 0.000126 mg/l STP; 10 mg/l Sediment (Freshwater); 3.2 mg/kg dwt Sediment (Marinewater); 0.064 mg/kg dwt Soil; 9.51 mg/kg dwt

GERANIOL (CAS: 106-24-1)

DNEL	Workers - Inhalation; Long term systemic effects: 161.6 mg/m³ Workers - Dermal; Long term systemic effects: 12.5 mg/kg Consumer - Oral; Long term systemic effects: 13.75 mg/kg Consumer - Inhalation; Long term systemic effects: 47.8 mg/m³ Consumer - Dermal; Long term systemic effects: 7.5 mg/kg

Gamma-Undecalactone (CAS: 104-67-6)

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DNEL	Workers - Inhalation; systemic effects: 19 mg/m³ Workers - Dermal; Long term systemic effects: 5.38 mg/kg bw/day Consumer - Inhalation; systemic effects: 4.68 mg/m³ Consumer - Dermal; Long term systemic effects: 2.7 mg/kg bw/day Consumer - Oral; Long term systemic effects: 2.7 mg/kg bw/day
PNEC	Fresh water; 17.52 µg/l marine water; 1.75 µg/l STP; 80 mg/l Sediment (Freshwater); 1.882 mg/kg Sediment (Marinewater); 0.188 mg/kg Soil; 0.366 mg/kg

Tetrahydro Linalool (CAS: 78-69-3)

DNEL	Workers - Inhalation; Long term systemic effects: 2.75 mg/m³ Workers - Dermal; Long term systemic effects: 2.5 mg/kg bw/day Workers - Dermal; Short term local effects: 2.76 mg/cm² Consumer - Inhalation; Long term systemic effects: 0.68 mg/m³ Consumer - Oral; Long term systemic effects: 0.2 mg/kg bw/day Consumer - Dermal; Long term systemic effects: 1.25 mg/kg bw/day Consumer - Dermal; Short term local effects: 2.76 mg/cm²
PNEC	Fresh water; 0.0089 mg/l marine water; 0.00089 mg/l STP; 450 mg/l Sediment (Freshwater); 0.0821 mg/kg Sediment (Marinewater); 0.00821 mg/kg Soil; 0.0112 mg/kg

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, Mixed isomers (cis & trans) (CAS: 63500-71-0)

DNEL	Workers - Inhalation; Long term systemic effects: 44.1 mg/m³ Workers - Dermal; Long term systemic effects: 41.7 mg/kg bw/day General population - Inhalation; Long term systemic effects: 13 mg/m³ General population - Dermal; Long term systemic effects: 25 mg/kg bw/day General population - Oral; Long term systemic effects: 7.5 mg/kg bw/day

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation if the airborne contamination exceeds occupational exposure limits
Eye/face protection	Safety glasses with side-shields (EN 166).
Hand protection	Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Other skin and body protection	Wear suitable protective clothing (EN14605)
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Opaque liquid.
Colour	Blue.
Odour	Perfume.
pH	pH (diluted solution): 6-8 1%
Relative density	0.92-1.02 @ 20°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Alkalis. Oxidising agents. Reducing agents.

10.2. Chemical stability

Stability	No particular stability concerns. Avoid contact with alkalis.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Conditions to avoid	Avoid freezing.

10.5. Incompatible materials

Materials to avoid	Strong alkalis. Oxidising agents. Reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Not regarded as a health hazard under current legislation. However, large or frequent spills may have hazardous effects on the environment.

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data	Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation	Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation	Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	May cause sensitisation or allergic reactions in sensitive individuals.

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Germ cell mutagenicity

Genotoxicity - in vitro	Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	The product contains a sensitising substance. May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	May cause eye irritation.
Acute and chronic health hazards	This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.
Route of exposure	Skin and/or eye contact Inhalation Ingestion

Toxicological information on ingredients.

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat
ATE oral (mg/kg)	5,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,001.0
Species	Rat
ATE dermal (mg/kg)	2,001.0

Reproductive toxicity

Reproductive toxicity - fertility	Fertility - NOAEL 1000 mg/kg body weight, Oral, Rat F1 One-generation study - NOAEL 1000 mg/kg body weight, Oral, Rat F1

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Reproductive toxicity - development	Maternal toxicity: - NOAEC: 1000 mg/kg body weight, Oral, Rat Teratogenicity: - NOAEL: 1000 mg/kg body weight, Oral, Rat Developmental toxicity: - NOAEL: 1000 mg/kg body weight, Oral, Rat - : , ,

propan-2-ol

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	5,840.0
Species	Rat
ATE oral (mg/kg)	5,840.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	13,900.0
Species	Rabbit
ATE dermal (mg/kg)	13,900.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC_{50} vapours mg/l)	10,001.0
Species	Rat
ATE inhalation (vapours mg/l)	10,001.0
Carcinogenicity	
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	Two-generation study - NOAEL 500 mg/kg body weight, Oral, Rat F1 Two-generation study - NOAEL 500 mg/kg body weight, Oral, Rat F2
Reproductive toxicity - development	Maternal toxicity: - NOAEL: 400 mg/kg body weight, Oral, Rat Developmental toxicity: - NOAEL: 400 mg/kg body weight, Oral, Rat Teratogenicity: - NOAEL: 400 mg/kg body weight, Oral, Rat

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit
ATE dermal (mg/kg)	5,001.0

COUMARIN

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	520.0
Species	Rat

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ATE oral (mg/kg)	520.0
Carcinogenicity	
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Ethyl Vanillin

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	3,000.0
Species	Rat

hexahydro-hexamethyl-cyclopenta-benzopyran

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	4,640.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	6,500.0
Species	Rabbit

2-ethyl-3-hydroxy-4-pyrone

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	1,150.0
Species	Rat
ATE oral (mg/kg)	1,150.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,005.0
Species	Rabbit
ATE dermal (mg/kg)	5,005.0

Vanillin

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	3,500.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,010.0
Species	Rabbit
ATE dermal (mg/kg)	5,010.0

a-hexylcinnamaldehyde

Acute toxicity - oral	

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Acute toxicity oral (LD_{50} mg/kg)	3,100.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	3,001.0
Species	Rabbit
ATE dermal (mg/kg)	3,001.0

GERANIOL

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	3,600.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

Allyl-3-Cyclohexylpropionate

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	1,051.0
Species	Rat
ATE oral (mg/kg)	1,051.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	1,600.0
Species	Rabbit
ATE dermal (mg/kg)	1,100.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC_{50} vapours mg/l)	11.0
ATE inhalation (vapours mg/l)	11.0

Tetrahydro Linalool

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

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Reproductive toxicity	
Reproductive toxicity - fertility	Fertility - NOAEL 887-1024 mg/kg body weight, Oral, Rat - NOAEL 338-361 mg/kg body weight, Oral, Rat F1 - NOAEL 278-345 mg/kg body weight, Oral, Rat F0
Reproductive toxicity - development	Maternal toxicity: - NOAEL: 150 mg/kg body weight, Oral, Rabbit Developmental toxicity: - NOAEL: 500 mg/kg body weight, Oral, Rabbit

Gamma-Undecalactone

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	2,001.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	2,001.0
Species	Rabbit
ATE dermal (mg/kg)	2,001.0

Alpha-Terpineol

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	4,300.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	3,001.0
Species	Rabbit

Heliotropine

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	2,700.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rat
ATE dermal (mg/kg)	5,001.0

d-LIMONENE

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	4,400.0
Species	Rat
Acute toxicity - dermal	

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Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

Carcinogenicity

IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, Mixed isomers (cis & trans)

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,001.0
Species	Rabbit

METHYLUNDECANAL

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	10,001.0
Species	Rabbit

2,6-Dimethyl-7-octen-2-ol

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	3,600.0
Species	Rat
ATE oral (mg/kg)	3,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

Nerol

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	4,500.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	5,001.0

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Species	Rabbit

AMYL SALICYLATE

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	2,000.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,000.0
Species	Rabbit

Methyl Cinnamate

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	2,610.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

3-(p-methoxyphenyl)-2-methylpropionaldehyde

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	4,500.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

Mehtyl Decenol

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	8,001.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

hexyl-2-hydroxybenzoate

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	5,001.0

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Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	3,900.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,000.0
Species	Rabbit
ATE dermal (mg/kg)	5,000.0

Diphenyl Ether

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	7,941.0
Species	Rabbit

DAMASCONE (DELTA)

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	1,821.0
Species	Mouse
ATE oral (mg/kg)	500.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

2-propenylhexanoate

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	218.0
Species	Rat
ATE oral (mg/kg)	218.0

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Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	300.0
Species	Rabbit
ATE dermal (mg/kg)	300.0
Acute toxicity - inhalation	
ATE inhalation (vapours mg/l)	3.0

P-Cresyl Methylether

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	1,920.0
Species	Rat
ATE oral (mg/kg)	500.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

Isobutenyl methyltetrahydropyran

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	4,300.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

LINALYL ACETATE

Acute toxicity - oral	
Acute toxicity oral (LD_{50} mg/kg)	9,001.0
Species	Rat
ATE oral (mg/kg)	9,001.0
Acute toxicity - dermal	
Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit
ATE dermal (mg/kg)	5,001.0

Linalool

Acute toxicity - oral	

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Acute toxicity oral (LD_{50} mg/kg)	2,790.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rabbit

2-Buten-1-one, 1-((1R,2S)-2,6,6-trimethyl-3-cyclohexen-1-yl)-, (2E)-rel-

Acute toxicity - oral

ATE oral (mg/kg)	500.0

1,4-methanoazulene, decahydro-4,8,8-trimethylene-,(1S(1 alpha,3aneta,4alpha,8abeta))-

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,001.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	5,001.0
Species	Rabbit

allyl (cyclohexyloxy)acetate

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	620.0
Species	Rat
ATE oral (mg/kg)	500.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,001.0
Species	Rat

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Acute toxicity - oral

ATE oral (mg/kg)	100.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	660.0
Species	Rabbit
ATE dermal (mg/kg)	660.0

Acute toxicity - inhalation

Species	Rabbit

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ATE inhalation (dusts/mists mg/l)	0.5

SECTION 12: Ecological information

Ecotoxicity Dangerous for the environment if discharged into watercourses. Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 1.91 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 2.23 mg/l, Daphnia magna
Acute toxicity - aquatic plants	ErC50, 72 hours: 2.14 mg/l, Desmodesmus subspicatus EC10, 72 hours: 1.48 mg/l, Desmodesmus subspicatus
Acute toxicity - microorganisms	EC_{50}, 0.5 hours: 60 mg/l, PSEUDOMONAS PUTIDA

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 30 days: 0.224 mg/l, Danio rerio (zebra fish)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.984 mg/l, Daphnia magna

propan-2-ol

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	LC_{50}, 24 hours: >10000 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC10, 7 days: 1800 mg/l, Scenedesmus subspicatus
Acute toxicity - microorganisms	EC10, 16 hours: 1050 mg/l, PSEUDOMONAS PUTIDA

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 1.3 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 1.4 mg/l, Daphnia
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 2.6 mg/l, Algae

Chronic aquatic toxicity

M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.028 mg/l, Daphnia

hexahydro-hexamethyl-cyclopenta-benzopyran

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Acute aquatic toxicity

$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.9 mg/l, Daphnia
Acute toxicity - aquatic plants	IC_{80}, 72 hours: >0.854 mg/l, Algae

Chronic aquatic toxicity

M factor (Chronic)	1

Vanillin

Acute aquatic toxicity

Acute toxicity - fish	LC50 Flow-through, 96 hours: 53-61.3 mg/l, Pimephales promelas (Fat-head Minnow) LC50 semi-static, 96 hours: 57 mg/l, Pimephales promelas (Fat-head Minnow) LC50 static, 96 hours: 88 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC_{50}, 24 hours: 180 mg/l, Daphnia magna

a-hexylcinnamaldehyde

Acute aquatic toxicity

$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 1.7 mg/l, Fish LC_{50}, 96 hours: 3.1 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 3.86 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 6.87 mg/l, Pseudokirchneriella subcapitata

GERANIOL

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 14 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 10.8 mg/l, Daphnia
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 13.1 mg/l, Algae

Allyl-3-Cyclohexylpropionate

Acute aquatic toxicity

$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 0.13 mg/l, Fish
Acute toxicity - aquatic invertebrates	LC_{50}, 48 hours: 3.8 mg/l, Daphnia
Acute toxicity - aquatic plants	IC_{50}, 72 hours: 3 mg/l, Algae NOEC, 72 hours: 0.74 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

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M factor (Chronic)	1

Gamma-Undecalactone

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 6.13 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 5.85 mg/l, Daphnia
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 5.94 mg/l, Algae
Chronic aquatic toxicity	
Chronic toxicity - aquatic invertebrates	EC10, 21 days: 1.02 mg/l, Daphnia

Alpha-Terpineol

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 70 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 73 mg/l, Daphnia
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 68 mg/l, Algae

d-LIMONENE

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 0.7 mg/l, Pimephales promelas (Fat-head Minnow) LC_{50}, 96 hours: 0.8 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.4 mg/l, Daphnia magna EC_{50}, 48 hours: 69.6 mg/l, Daphnia
Acute toxicity - aquatic plants	NOEC, 96 hours: 4 mg/l, ErC50, 72 hours: 8 mg/l, Desmodesmus subspicatus NOEC, 72 hours: 2.62 mg/l, Desmodesmus subspicatus
Chronic aquatic toxicity	
M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 16 days: estimated 0.115 mg/l, Daphnia magna

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, Mixed isomers (cis & trans)

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 354 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: >320 mg/l, Daphnia
Acute toxicity - aquatic plants	IC_{50}, 72 hours: >94 mg/l, Algae
Chronic aquatic toxicity	
Chronic toxicity - aquatic invertebrates	NOEC, 48 hours: 320 mg/l, Daphnia

METHYLUNDECANAL

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Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	NOEC, 96 hours: 0.11 mg/l, Oncorhynchus mykiss (Rainbow trout) LC_{50}, 96 hours: 0.35 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.21 mg/l, Daphnia NOEC, 48 hours: 0.053 mg/l, Daphnia magna
Acute toxicity - aquatic plants	NOEC, 72 hours: 0.089 mg/l, Pseudokirchneriella subcapitata EC_{50}, 72 hours: 0.18 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	NOEC, : 100 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.033 mg/l, Daphnia magna

AMYL SALICYLATE

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 1.34 mg/l, Fish

Methyl Cinnamate

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 2.76 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 24 mg/l, Daphnia magna Straus
Acute toxicity - aquatic plants	ErC50, 72 hours: 7.6 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 2.1 mg/l, Pseudokirchneriella subcapitata

3-(p-methoxyphenyl)-2-methylpropionaldehyde

Acute aquatic toxicity	
Acute toxicity - fish	LC_{50}, 96 hours: 10-21.5 mg/l, Fish

Mehtyl Decenol

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 3 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.4 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 3.6 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 1.3 mg/l, Pseudokirchneriella subcapitata

hexyl-2-hydroxybenzoate

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1

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M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: >100 mg/l, Brachydanio rerio (Zebra Fish)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.357 mg/l, Daphnia magna EC_{50}, 96 hours: 0.39 mg/l, Daphnia magna, Freshwater invertebrates, Marinewater invertebrates
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 0.61 mg/l, Pseudokirchneriella subcapitata
Chronic aquatic toxicity	
M factor (Chronic)	1

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute aquatic toxicity	
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 76 mg/l, Daphnia

Diphenyl Ether

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

DAMASCONE (DELTA)

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 0.97 mg/l, Fish
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 2.47 mg/l, Algae
Chronic aquatic toxicity	
M factor (Chronic)	1
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.35 mg/l, Daphnia

2-propenylhexanoate

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 2 mg/l, Daphnia magna

2-Buten-1-one, 1-((1R,2S)-2,6,6-trimethyl-3-cyclohexen-1-yl)-, (2E)-rel-

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

1,4-methanoazulene, decahydro-4,8,8-trimethylene-,(1S(1 alpha,3aneta,4alpha,8abeta))-

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Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 10.2 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.08 mg/l, Daphnia
Chronic aquatic toxicity	
M factor (Chronic)	1

allyl (cyclohexyloxy)acetate

Acute aquatic toxicity	
$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Acute aquatic toxicity	
$LE(C)_{50}$	0.001 < L(E)C50 ≤ 0.01
M factor (Acute)	100
Acute toxicity - fish	LC_{50}, 96 hours: 0.58 mg/l, Danio rerio (zebra fish) LC_{50}, 96 hours: 0.19 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.16 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC_{50}, 72 hours: 0.379 mg/l, Pseudokirchneriella subcapitata NOEC, 72 hours: 0.0012 mg/l, Pseudokirchneriella subcapitata EC_{50}, 48 hours: 0.0052 mg/l, Skeletonema costatum NOEC, 48 hours: 0.00064 mg/l, Skeletonema costatum EC_{50}, 72 hours: 0.027 mg/l, Selenastrum capricornutum
Acute toxicity - microorganisms	EC_{20}, 3 hours: 0.97 mg/l, Activated sludge EC_{50}, 3 hours: 7.92 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	100
Chronic toxicity - fish early life stage	NOEC, 28 days: 0.098 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.004 mg/l, Daphnia

12.2. Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

Ecological information on ingredients.

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Biodegradation	OECD 301B - Degradation 98.9%: 28 days

propan-2-ol

Biodegradation	Directive 67/548/EEC, Annex V, C.5 - Degradation 53%: 5 days

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1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Persistence and degradability	Not readily biodegradable.
Biodegradation	- 11%: 28 days

COUMARIN

Persistence and degradability	Readily biodegradable.

hexahydro-hexamethyl-cyclopenta-benzopyran

Persistence and degradability	Not readily biodegradable.

2-ethyl-3-hydroxy-4-pyrone

Persistence and degradability	Readily biodegradable.

Vanillin

Persistence and degradability	Readily biodegradable.

a-hexylcinnamaldehyde

Persistence and degradability	Readily biodegradable.
Biodegradation	- 97%: 28 days

GERANIOL

Persistence and degradability	Readily biodegradable.
Biodegradation	- 82%: 28 days

Allyl-3-Cyclohexylpropionate

Persistence and degradability	Readily biodegradable.
Biodegradation	- 86%: 28 days

Tetrahydro Linalool

Persistence and degradability	Readily biodegradable.
Biodegradation	OECD 301F - Degradation 60%: 28 days

Gamma-Undecalactone

Persistence and degradability	Readily biodegradable.
Biodegradation	- 82%: 28 days

Alpha-Terpineol

Persistence and degradability	Readily biodegradable.
Biodegradation	- 80%: 28 days

d-LIMONENE

Persistence and degradability	Not readily biodegradable.

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TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, Mixed isomers (cis & trans)

Persistence and degradability	Not readily biodegradable.

METHYLUNDECANAL

Persistence and degradability	Readily biodegradable.
Biodegradation	Activated sludge - 62%: 28 days

Nerol

Persistence and degradability	Readily biodegradable.

AMYL SALICYLATE

Persistence and degradability	Readily biodegradable.
Biodegradation	- Degradation 86 %:

Methyl Cinnamate

Persistence and degradability	Readily biodegradable.
Biodegradation	- 100%: 7 days

3-(p-methoxyphenyl)-2-methylpropionaldehyde

Persistence and degradability	Readily biodegradable.

Mehtyl Decenol

Persistence and degradability	Readily biodegradable.
Biodegradation	- 73%: 28 days

hexyl-2-hydroxybenzoate

Persistence and degradability	Readily biodegradable.
Biodegradation	OECD 301F - 43%: 28 days Directive 67/548/EEC Annex V, C.4.D - Degradation 20%:

DAMASCONE (DELTA)

Persistence and degradability	Not readily biodegradable.
Biodegradation	- 16%: 28 days

2-propenylhexanoate

Persistence and degradability	Readily biodegradable.

allyl (cyclohexyloxy)acetate

Persistence and degradability	Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

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Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Partition coefficient log Pow: 4.725

propan-2-ol

Partition coefficient log Pow: 0.05

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one

Partition coefficient log Pow: 5.65

hexahydro-hexamethyl-cyclopenta-benzopyran

Partition coefficient log Pow: 5.3

Vanillin

Partition coefficient log Kow: 1.21

a-hexylcinnamaldehyde

Partition coefficient log Pow: 5.3

GERANIOL

Partition coefficient log Pow: 2.6

Allyl-3-Cyclohexylpropionate

Partition coefficient log Pow: 4.3

Tetrahydro Linalool

Bioaccumulative potential BCF: 99.87,

Partition coefficient log Pow: 3.3

Gamma-Undecalactone

Partition coefficient log Pow: 3.6

Alpha-Terpineol

Partition coefficient log Pow: 2.67

d-LIMONENE

Partition coefficient log Kow: 2.78-5.03

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, Mixed isomers (cis & trans)

Partition coefficient log Pow: 1.65

Methyl Cinnamate

Partition coefficient log Pow: 2.6

3-(p-methoxyphenyl)-2-methylpropionaldehyde

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Partition coefficient	log Pow: 2.5

Mehtyl Decenol

Partition coefficient	log Pow: 3.9

hexyl-2-hydroxybenzoate

Partition coefficient	log Pow: 5.5 (30C)

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Partition coefficient	log Pow: 2.34

allyl (cyclohexyloxy)acetate

Partition coefficient	log Pow: 2.7

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Bioaccumulative potential	BCF: ~ 3.16,
Partition coefficient	log Kow: ≤ 0.71

12.4. Mobility in soil

Mobility	The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods	Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996.

EURAL Code

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Infinity Premium Fabric Conditioner

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
Drug Precursors Regulation (273/2004)	
Danish product registration number	
Danish national regulations	

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). EC_{50}: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Revision comments	Revision is due to revised fragrance allergens
Revision date	08/07/2024
Revision	1
Supersedes date	25/01/2021
SDS number	8225/22986

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Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
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.
EUH208 Contains 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-Tetramethyl-2-naphthyl)Ethan-1-one, COUMARIN, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.