

Safety Data Sheet

According to Feder Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules & Regulations Issue Date: 8/22/2019 | Revision Date: 8/29/2023 | Supersedes: 9/23/2020

Version: 1.2

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name Rustic Escentuals™ Sparkling Snowflake Fragrance Oil

Product Form Mixture

1.2 RECOMMENDED USE AND RESTRICTIONS ON USE

No additional information available

1.3 NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY

Supplier Details IndiMade Brands, LLC DBA Wholesale Supplies Plus

7820 E Pleasant Valley Road Independence, OH 44131

(800) 359-0944

www.WholesaleSuppliesPlus.com

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 813 248-0585 International

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification (GHS-US)

Flammable liquids Category 4 H227 Combustible liquid
Skin corrosion/irritation Category 2 H315 Causes skin irritation
Serious eye damage/eye irritation H319 Causes serious eye irritation

Category 2

Skin sensitization, Category 1 H317 May cause an allergic skin reaction Carcinogenicity Category 2 H351 Suspected of causing cancer

Reproductive toxicity Category 2 H361 Suspected of damaging fertility or the unborn child

2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Hazard pictograms (GHS US)





Signal word (GHS US) Warning

Hazard statements (GHS US)

H227 - Combustible liquid

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H351 - Suspected of causing cancer

H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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P302+P352 - If on skin: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

No additional information available

2.4 UNKNOWN ACUTE TOXICITY (GHS US)

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

Not applicable

3.2 MIXTURE

Name	CAS No.	%	GHS US classification
Benzyl Benzoate	120-51-4	30 - 70	Acute Tox. 4 (Oral), H302
Benzyl Salicylate	118-58-1	5 - 10	Eye Irrit. 2, H319 Skin Sens. 1B, H317
Hexyl Cinnamal	101-86-0	1 - 5	Skin Sens. 1B, H317
Linalool	78-70-6	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Linalyl Acetate	115-95-7	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Phenyl Ethyl Alcohol	60-12-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319
I-Limonene	5989-54-8	1 - 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Pentadecalactone	106-02-5	1 - 5	Skin Sens. 1B, H317
3 and 4-(4-Hydroxy-4- methylpentyl)cyclohex-3-ene-1- carbaldehyde	31906-04-4	1 - 5	Skin Sens. 1A, H317
Geraniol	106-24-1	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Hydroxy-citronellal	107-75-5	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317

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Name	CAS No.	%	GHS US classification
Butylphenyl Methylpropional	80-54-6	0.5 - 1	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361
Myrcene	123-35-3	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Asp. Tox. 1, H304
Helional	1205-17-0	< 0.5	Skin Sens. 1B, H317 Repr. 2, H361
Laevo Carvone	6485-40-1	< 0.5	Flam. Liq. 4, H227 Skin Sens. 1, H317
Limonene	5989-27-5	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Damascone Delta	57378-68-4	< 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

General IF exposed or concerned: Get medical advice/attention.

Inhalation Remove person to fresh air and keep comfortable for breathing.

Skin contact Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get

medical advice/attention.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion Call a poison center/doctor/physician if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECT (ACUTE AND DELAYED)

Symptoms/effects after skin contact Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact Eye irritation.

4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media Water spray. Dry powder. Foam. Carbon dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

Fire hazard Combustible liquid.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

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6.1.1 FOR NON-EMERGENCY PERSONNEL

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapors/spray.

6.1.2 FOR EMERGENCY RESPONDERS

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to

section 8: "Exposure controls/personal protection".

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information Dispose of materials or solid residues at an authorized site.

6.4 REFERENCE TO OTHER SECTIONS

For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of

the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling

the product.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions Store in a well-ventilated place. Keep cool. Store locked.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exaltolide (106-02-5)

Not applicable

Geraniol (106-24-1)

Not applicable

Myrcene (123-35-3)

Not applicable

L-Limonene (5989-54-8)

Not applicable

D-Limonene (5989-27-5)

Not applicable

Linalool (78-70-6)

Not applicable

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Linalyl Acetate (115-95-7)

Not applicable

Benzyl Benzoate (120-51-4)

Not applicable

Hydroxy-citronellal (107-75-5)

Not applicable

Benzyl Salicylate (118-58-1)

Not applicable

Laevo Carvone (6485-40-1)

Not applicable

Damascone Delta (57378-68-4)

Not applicable

Helional (1205-17-0)

Not applicable

Hexyl Cinnamic Aldehyde (101-86-0)

Not applicable

Lilial (80-54-6)

Not applicable

Hydroxyisohexyl 3-cyclohexene Carboxaldehyde (31906-04-4)

Not applicable

Phenyl Ethyl Alcohol (60-12-8)

Not applicable

8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls Ensure good ventilation of the work station.

Environmental exposure controls Avoid release to the environment.

8.3 INDIVIDUAL PROTECTION MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Hand protection
Eye protection
Skin and body protection

Skin and body protection Respiratory protection

Personal protective equipment equipment

symbol(s)

Protective gloves Safety glasses

Wear suitable protective clothing

In case of insufficient ventilation, wear suitable respiratory equipment







SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Color Mixture contains one or more component(s) which have the following colour(s):

Colourless Colourless to light yellow On exposure to air: yellow Colourless to brown White White to

off-white Yellow

Odor There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour:

No data available

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Pine odour Lemon odour Floral odour Characteristic odour Fruity odour Sweet odour Mild odour

Pleasant odour Aromatic odour Almost odourless Alcohol odour Strong odour

Odor threshold No data available No data available рΗ Melting point No data available Freezing point No data available Boiling point No data available ≈ 93.9 °C Flash point Relative evaporation rate (butyl acetate=1) No data available Not applicable Flammability Vapor pressure No data available Relative vapor density at 20°C No data available Relative density No data available No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature No data available Decomposition temperature No data available Viscosity, kinematic No data available Viscosity, dynamic No data available **Explosion limits** No data available Explosive properties No data available

9.2 OTHER INFORMATION

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Oxidizing properties

The product is non-reactive under normal conditions of use, storage and transport.

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

10.4 CONDITIONS TO AVOID

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5 INCOMPATIBLE MATERIALS

No additional information available

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON LIKELY ROUTES OF EXPOSURE

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

Geraniol (106-24-1)

LD50 oral rat 3600 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 14 day(s))

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(10(24 4)			
Geraniol (106-24-1)	5000 marker (Dalle's Emerimental value Dannel)		
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Experimental value, Dermal)		
ATE US (oral)	3600 mg/kg body weight		
Myrcene (123-35-3)			
LD50 oral rat	> 11390 mg/kg body weight Animal: rat > 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal		
LD50 dermal rabbit	Toxicity)		
D-Limonene (5989-27-5)			
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)		
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)		
Linalool (78-70-6)			
LD50 oral rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))		
LD50 dermal rabbit	5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))		
ATE US (oral)	2790 mg/kg body weight		
ATE US (dermal)	5610 mg/kg body weight		
Benzyl Benzoate (120-51-4)			
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))		
LD50 dermal rat	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)		
ATE US (oral)	1500 mg/kg body weight		
ATE US (dermal)	4000 mg/kg body weight		
Hydroxy-citronellal (107-75-5)			
I DEC and not	> 6400 mg/kg body weight (Equivalent or similar to OECD 401, 7 day(s), Rat, Male / female,		
LD50 oral rat	Experimental value, Oral, 7 day(s))		
LD50 dermal rabbit			
	Experimental value, Oral, 7 day(s))		
LD50 dermal rabbit	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-		
LD50 dermal rabbit Benzyl Salicylate (118-58-1)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s))		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Readacross, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female,		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s))		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s))		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (oral)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (dermal)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (oral) ATE US (dermal) Damascone Delta (57378-68-4)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (oral) ATE US (dermal) Damascone Delta (57378-68-4) ATE US (dermal)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (oral) ATE US (dermal) Damascone Delta (57378-68-4) ATE US (dermal) Helional (1205-17-0)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight		
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LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (dermal) Damascone Delta (57378-68-4) ATE US (dermal) Helional (1205-17-0) ATE US (dermal) Hexyl Cinnamic Aldehyde (101-86-0)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Readacross, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight 1400 mg/kg body weight 3562 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (oral) ATE US (dermal) Damascone Delta (57378-68-4) ATE US (dermal) Helional (1205-17-0) ATE US (dermal) Hexyl Cinnamic Aldehyde (101-86-0) ATE US (oral)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Readacross, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight 1400 mg/kg body weight 3562 mg/kg body weight		
LD50 dermal rabbit Benzyl Salicylate (118-58-1) LD50 oral rat LD50 dermal rabbit ATE US (oral) Laevo Carvone (6485-40-1) ATE US (dermal) Damascone Delta (57378-68-4) ATE US (dermal) Helional (1205-17-0) ATE US (dermal) Hexyl Cinnamic Aldehyde (101-86-0) ATE US (oral) Lilial (80-54-6)	Experimental value, Oral, 7 day(s)) > 2000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) 2200 mg/kg body weight 2500 mg/kg body weight 3800 mg/kg body weight 1400 mg/kg body weight 3562 mg/kg body weight 3100 mg/kg body weight		

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Hydroxyisohexyl 3-cyclohexene Carboxaldeh	yde (31906-04-4)		
LD50 dermal rabbit	11200 mg/kg body weight (Rabbit, Literature study, Dermal)		
ATE US (oral)	3230 mg/kg body weight		
ATE US (dermal)	11200 mg/kg body weight		
Phenyl Ethyl Alcohol (60-12-8)			
LD50 oral rat	> 1790 mg/kg (Rat, Oral)		
LD50 dermal rat	> 808 mg/kg (Rabbit, Dermal)		
LC50 Inhalation - Rat	> 1.4 mg/l (4 h, Rat, Inhalation)		
ATE US (oral)	1610 mg/kg body weight		
ATE US (dermal)	300 mg/kg body weight		
ATE US (dust, mist)	1.5 mg/l/4h		
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity	Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Not classified Suspected of causing cancer.		
Myrcene (123-35-3)			
IARC group	2B - Possibly carcinogenic to humans		
D-Limonene (5989-27-5)			
IARC group	3 - Not classifiable		
Reproductive toxicity STOT-single exposure STOT-repeated exposure	Suspected of damaging fertility or the unborn child. Not classified Not classified		
Myrcene (123-35-3)			
LOAEL (oral,rat,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
NOAEL (subchronic,oral,animal/male,90 days)	500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
NOAEL (subchronic,oral,animal/female,90 days)	250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
Linalool (78-70-6)			
NOAEL (dermal,rat/rabbit,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)		
Aspiration hazard /iscosity, kinematic Symptoms/effects after skin contact Symptoms/effects after eye contact	Not classified No data available Irritation. May cause an allergic skin reaction. Eye irritation.		

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Ecology - general The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Geraniol (106-24-1)	
LC50 - Fish [1]	22 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	10.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	13.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
Myrcene (123-35-3)	
EC50 - Crustacea [1]	0.45 mg/l

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L-Limonene (5989-54-8)	
LC50 - Fish [1]	720 μg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	0.36 mg/l Test organisms (species): Daphnia magna
LC50 - Fish [2]	702 μg/l Test organisms (species): Pimephales promelas
D-Limonene (5989-27-5)	
LC50 - Fish [1]	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Linalool (78-70-6)	
LC50 - Fish [1]	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
Linalyl Acetate (115-95-7)	
LC50 - Fish [1]	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Benzyl Benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Hydroxy-citronellal (107-75-5)	
LC50 - Fish [1]	31.6 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	410 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	123.32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
Benzyl Salicylate (118-58-1)	
LC50 - Fish [1]	1.03 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	1.16 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
Phenyl Ethyl Alcohol (60-12-8)	
LC50 - Fish [1]	220 – 260 mg/l (96 h, Leuciscus idus)
EC50 - Crustacea [1]	287.17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

12.2 PERSISTENCE AND DEGRADABILITY

Geraniol (106-24-1)		
Persistence and degradability	Readily biodegradable in water.	
D-Limonene (5989-27-5)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O₂/g substance	
Linalool (78-70-6)		
Persistence and degradability	Readily biodegradable in water.	

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Linalyl Acetate (115-95-7)			
Persistence and degradability	Readily biodegradable in water.		
Benzyl Benzoate (120-51-4)			
Persistence and degradability	Readily biodegradable in water.		
Hydroxy-citronellal (107-75-5)			
Persistence and degradability	Readily biodegradable in water.		
Benzyl Salicylate (118-58-1)			
Persistence and degradability	Readily biodegradable in water.		
Helional (1205-17-0)			
Persistence and degradability	Biodegradability in water: no data available.		
Hydroxyisohexyl 3-cyclohexene Carboxaldehyde (3190	06-04-4)		
Persistence and degradability	Biodegradability in water: no data available.		
Phenyl Ethyl Alcohol (60-12-8)			
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.		
Biochemical oxygen demand (BOD)	1.45 g O ₂ /g substance		
Chemical oxygen demand (COD)	2.5 g O ₂ /g substance		
ThOD	2.6 g O₂/g substance		
BOD (% of ThOD)	0.558		

12.3 BIOACCUMULATIVE POTENTIAL

2.3 BIOACCOMULATIVE POTENTIA	<u> </u>	
Geraniol (106-24-1)		
Partition coefficient n-octanol/water (Log Pow)	2.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
D-Limonene (5989-27-5)		
BCF - Fish [1]	864.8 - 1022 (Pisces, QSAR, Fresh weight)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 3 °C)	
Bioaccumulative potential	Potential for bioaccumulation $(4 \ge \text{Log Kow} \le 5)$.	
Linalool (78-70-6)		
Partition coefficient n-octanol/water (Log Pow)	2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Linalyl Acetate (115-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.93 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Benzyl Benzoate (120-51-4)		
BCF - Fish [1]	2.286 (BCFBAF v3.00, Pisces, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Hydroxy-citronellal (107-75-5)		
BCF - Fish [1]	11.52 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)	
Partition coefficient n-octanol/water (Log Pow)	1.68 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	

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3 3 1		
Benzyl Salicylate (118-58-1)		
BCF - Fish [1]	1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flow-through system, Fresh water, Read-across, GLP)	
Partition coefficient n-octanol/water (Log Pow)	4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)	
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).	
Helional (1205-17-0)		
Partition coefficient n-octanol/water (Log Pow) 2.4 (OECD 117: Partition Coefficient (n-octanol/water), HPLC method)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Hydroxyisohexyl 3-cyclohexene Carboxaldehyd	e (31906-04-4)	
Bioaccumulative potential No bioaccumulation data available.		
Phenyl Ethyl Alcohol (60-12-8)		
Partition coefficient n-octanol/water (Log Pow) 1.38 (Experimental value)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	

12.4 MOBILITY IN SOIL	
Geraniol (106-24-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.85 (log Koc, PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.
D-Limonene (5989-27-5)	
Ecology - soil	Adsorbs into the soil.
Linalool (78-70-6)	
Surface tension	8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension)
Ecology - soil	Low potential for mobility in soil.
Linalyl Acetate (115-95-7)	
Ecology - soil	Adsorbs into the soil.
Benzyl Benzoate (120-51-4)	
Surface tension	0.027 N/m (210 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.
Hydroxy-citronellal (107-75-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.
Benzyl Salicylate (118-58-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.75 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.
Hydroxyisohexyl 3-cyclohexene Carboxald	ehyde (31906-04-4)
Ecology - soil	No (test)data on mobility of the substance available.

12.5 OTHER ADVERSE EFFECTS

No additional information available.

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13.1 WASTE TREATMENT METHODS

Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: TRANSPORT INFORMATION

14.1 DEPARTMENT OF TRANSPORTATION (DOT)

Transport document description (DOT)

UN3082 Environmentally hazardous substances, liquid, n.o.s. (1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN (1222-05-5); BENZYL BENZOATE (120-51-4)), 9 III

UN-No.(DOT)

Proper Shipping Name (DOT)

Class (DOT)

Packing group (DOT) Hazard labels (DOT) Environmentally hazardous substances, liquid, n.o.s. 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN (1222-05-5); BENZYL BENZOATE (120-51-4) 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

III - Minor Danger

9 - Class 9 (Miscellaneous dangerous materials)



UN3082

DOT Packaging Non Bulk (49 CFR 173.xxx)

DOT Packaging Bulk (49 CFR 173.xxx)

DOT Symbols

DOT Special Provisions (49 CFR 172.102)

241

G - Identifies PSN requiring a technical name

8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49

CFR 175.75)

DOT Vessel Stowage Location

No limit

A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger

vessei. 171

Emergency Response Guide (ERG) Number

Other information

No supplementary information available.

14.2 TRANSPORTATION OF DANGEROUS GOODS

Not applicable

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14.3 TRANSPORT BY SEA

Transport document description (IMDG) UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-

HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN (1222-05-5); BENZYL

BENZOATE (120-51-4)), 9, III

UN-No. (IMDG) 3082

Proper Shipping Name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Class (IMDG) 9 - Miscellaneous dangerous substances and articles

Packing group (IMDG)

III - substances presenting low danger

Limited quantities (IMDG) 5 L

14.4 AIR TRANSPORT

Transport document description (IATA) UN 3082 Environmentally hazardous substance, liquid, n.o.s. (1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-

HEXAMETHYLCYCLOPENTA[G]-2-BENZOPYRAN (1222-05-5); BENZYL BENZOATE (120-51-4)),

9, III

UN-No. (IATA) 3082

Proper Shipping Name (IATA)

Environmentally hazardous substance, liquid, n.o.s.

Class (IATA)

9 - Miscellaneous Dangerous Substances and Articles

Packing group (IATA) III - Low danger

SECTION 15: REGULATORY INFORMATION

15.1 US FEDERAL REGULATIONS

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Name	CAS No.	%
Benzyl Benzoate	120-51-4	30 - 70
Benzyl Salicylate	118-58-1	5 - 10
Hexyl Cinnamal	101-86-0	1 - 5
Linalool	78-70-6	1 - 5
Linalyl Acetate	115-95-7	1 - 5
Phenyl Ethyl Alcohol	60-12-8	1 - 5
I-Limonene	5989-54-8	1 - 5
Pentadecalactone	106-02-5	1 - 5
3 and 4-(4-Hydroxy-4-methylpentyl)cyclohex-3- ene-1-carbaldehyde	31906-04-4	1 - 5
Geraniol	106-24-1	1 - 5
Hydroxy-citronellal	107-75-5	1 - 5
Butylphenyl Methylpropional	80-54-6	0.5 - 1
Myrcene	123-35-3	< 0.5
Helional	1205-17-0	< 0.5
Laevo Carvone	6485-40-1	< 0.5
Limonene	5989-27-5	< 0.5
Damascone Delta	57378-68-4	< 0.5

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Name	CAS No.	%
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	30 - 70

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15.2 INTERNATIONAL REGULATIONS

15.2.1 CANADA

Exaltolide (106-02-5)

Listed on the Canadian DSL (Domestic Substances List)

Geraniol (106-24-1)

Listed on the Canadian DSL (Domestic Substances List)

Myrcene (123-35-3)

Listed on the Canadian DSL (Domestic Substances List)

L-Limonene (5989-54-8)

Listed on the Canadian DSL (Domestic Substances List)

D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

Linalool (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

Linalyl Acetate (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

Benzyl Benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxy-citronellal (107-75-5)

Listed on the Canadian DSL (Domestic Substances List)

Benzyl Salicylate (118-58-1)

Listed on the Canadian DSL (Domestic Substances List)

Laevo Carvone (6485-40-1)

Listed on the Canadian DSL (Domestic Substances List)

Damascone Delta (57378-68-4)

Listed on the Canadian DSL (Domestic Substances List)

Helional (1205-17-0)

Listed on the Canadian DSL (Domestic Substances List)

Hexyl Cinnamic Aldehyde (101-86-0)

Listed on the Canadian DSL (Domestic Substances List)

Lilial (80-54-6)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxyisohexyl 3-cyclohexene Carboxaldehyde (31906-04-4)

Listed on the Canadian DSL (Domestic Substances List)

Phenyl Ethyl Alcohol (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

15.2.2 EU REGULATIONS

No additional information available

15.2.3 NATIONAL REGULATIONS

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Exaltolide (106-02-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Geraniol (106-24-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Myrcene (123-35-3)

Listed on IARC (International Agency for Research on Cancer)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

L-Limonene (5989-54-8)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

D-Limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

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Linalool (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Linalyl Acetate (115-95-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Benzyl Benzoate (120-51-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Hydroxy-citronellal (107-75-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Benzyl Salicylate (118-58-1)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

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Laevo Carvone (6485-40-1)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Damascone Delta (57378-68-4)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Helional (1205-17-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Hexyl Cinnamic Aldehyde (101-86-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Lilial (80-54-6)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Safety Data Sheet

According to Feder Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules and Regulations

Hydroxyisohexyl 3-cyclohexene Carboxaldehyde (31906-04-4)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Phenyl Ethyl Alcohol (60-12-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

SECTION 16: OTHER INFORMATION

Revision Date 8/29/2023

Full text of H-phrases:		
H226	Flammable liquid and vapor	
H227	Combustible liquid	
H302	Harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H311	Toxic 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	
H332	Harmful if inhaled	
H351	Suspected of causing cancer	
H361	Suspected of damaging fertility or the unborn child	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.