



SAFETY DATA SHEET

CLP: REACH Regulation (EU) 2020/878

Printed on 23 Jul 2024

Code Number

DEV-56283

Version 13 Revised 15/07/2024 12:54:17

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

1.1 Product Identifier

Product Name	FROSTED PINE & EUCALYPTUS FRAGRANCE
Code Number	DEV-56283
Alternative Name	
REACH Registration Number	Not registered

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

Concentrated material for manufacturing purposes only

1.3 Details of the supplier of the safety data sheet

Essican Purelife
Unit 2A, Hollow wood road
Dover
Kent
CT17 0UB

Telephone Number	01304 273111
Email Address	sales@purelifeuk.co.uk

1.4 Emergency Telephone Number

07922230825

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin. Irrit. 2; H315

Skin Sens. 1B; H317

Eye Irrit. 2; H319

Aquatic Chronic 2; H411

Refer to section 16 for the wording of listed classification and hazard statement codes

2.2 Label elements

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CLP: Labelling according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

Hazard Statements

- | | |
|------|-------------------------------------------------|
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|-----------|------------------------------------------------------------------------------------------------|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P337+P313 | If eye irritation persists: Get medical attention. |
| P501 | Dispose of contents/container to approved disposal site, in accordance with local regulations. |

2.3 Other Hazards

Contains alpha-iso-Methylionone, Citronellol, Coumarin, Geraniol, Hexyl Cinnamal, Limonene and Linalool which may produce an allergic reaction

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

No further information available at this time

Section 3: Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

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3.2 Mixtures

Complex mixture of fragrance ingredients

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc. (%)	SCL / ATE / M-Factor
CAS 54464-57-2 EINECS 259-174-3 REACH	Iso E super (Octahydro-2,3,8,8-tetramethyl-2-acetonaphthone) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 2;H411	>=10%,<25%	
CAS 32210-23-4 EINECS 250-954-9 REACH	Vertenex (4-tert.-Butyl cyclohexyl acetate) (PTBCHA) Skin Sens. 1B;H317	>=10%,<25%	
CAS 53219-21-9 EINECS 258-432-2 REACH	Dihydromyrcenol (2-Methyl-6-methyleneoct-7-en-2-ol) Skin. Irrit. 2;H315,Eye Irrit. 2;H319	>=5%,<10%	
CAS 63500-71-0 EINECS 405-040-6 REACH	Florol (2-iso Butyl-4-hydroxy-4-methyl tetrahydro pyran) Eye Irrit. 2;H319	>=5%,<10%	
CAS 60-12-8 EINECS 200-456-2 REACH	Phenethyl alcohol (Phenyl ethyl alcohol) Acute Tox. 4;H302,Eye Irrit. 2;H319	>=3%,<5%	
CAS 101-86-0 EINECS 202-983-3 REACH	alpha-Hexyl cinnamic aldehyde (HCA) (2-Hexyl-phenyl-2-propenal) Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 2;H411	>=3%,<5%	
CAS 127-51-5 EINECS 204-846-3 REACH	alpha-iso-Methylionone Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 2;H411	>=3%,<5%	
CAS 106-22-9 EINECS 203-375-0 REACH	dl-Citronellol (3,7-Dimethyl-6-octen-1-ol) (Dihydrogeraniol) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=3%,<5%	
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) Flam. Liq. 3;H226,Asp. Tox. 1;H304,Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Acute 1;H400,Aquatic Chronic 1;H410	>=3%,<5%	
CAS 104-67-6 EINECS 203-225-4 REACH	gamma-Undecalactone (Aldehyde C-14 peche) (Undeca-1,4-lactone) Aquatic Chronic 3;H412	>=3%,<5%	
CAS 78-70-6 EINECS 201-134-4 REACH	Coriandrol (Linalool) (3,7-Dimethyl-1,6-octadien-3-ol) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319	>=1%,<3%	

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CAS 91-64-5 EINECS 202-086-7 REACH	1-Benzopyran-2-one (Coumarin) Acute Tox. 4;H302,Skin Sens. 1B;H317,Aquatic Chronic 3;H412	>=1%,<3%	LD50(oral): 500 mg/kg
CAS 140-11-4 EINECS 205-399-7 REACH	Benzyl acetate Aquatic Chronic 3;H412	>=1%,<3%	
CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol (3,7-Dimethyl-2,6-octadien-1-ol) Skin. Irrit. 2;H315,Skin Sens. 1;H317,Eye Dam. 1;H318	>=1%,<3%	
CAS 98-55-5 EINECS 202-680-6 REACH	alpha-Terpineol (para-Menth-1-en-8-ol) (Lindenol) Skin. Irrit. 2;H315,Eye Irrit. 2;H319	>=1%,<3%	
CAS 93-18-5 EINECS 202-226-7 REACH	Nerolin bromelia (beta- Naphthyl ethyl ether) (2-Ethoxy-naphthalene) Eye Irrit. 2;H319,Aquatic Chronic 2;H411	>=1%,<3%	
CAS 68039-49-6 EINECS 268-264-1 REACH	Triplal (2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Eye Irrit. 2;H319,Aquatic Chronic 3;H412	>=1%,<3%	
CAS 87-20-7 EINECS 201-730-4 REACH	Isoamyl salicylate (Isopentyl salicylate) Skin Sens. 1;H317,Aquatic Acute 1;H400,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 470-82-6 EINECS 207-431-5 REACH	Cineols (Eucalyptol) Flam. Liq. 3;H226,Skin Sens. 1;H317	>=0.1%,<1%	
CAS 101-84-8 EINECS 202-981-2 REACH	Diphenyl ether (diphenyl oxide) (OEL 7.0 mg/m3) [1] Eye Irrit. 2;H319,Aquatic Acute 1;H400,Aquatic Chronic 3;H412	>=0.1%,<1%	
CAS 103-95-7 EINECS 203-161-7 REACH	Cyclamen aldehyde (2-Methyl-3-(p-isopropylphenyl) propionaldehyde) (repr. Cat 3) Skin. Irrit. 2;H315,Skin Sens. 1B;H317,Aquatic Chronic 3;H412	>=0.1%,<1%	

Refer to section 16 for the wording of listed classification and hazard statement codes

[1] Substance with a Union workplace exposure limit

Section 4: First Aid measures

Take phrases in section 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical

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advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

Section 5: Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.

DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

Avoid inhalation, skin and eye contact.

Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

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Section 7: Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end uses

No further information available

Section 8: Exposure controls / personal protection

8.1 Control Parameters

Occupational exposure limits:

European Union

(2019/1831, 2019/983, 2019/130, 2017/2398, 2017/164, 2009/161, 2006/15/EC, 2000/39/EC, 98/24/EC, 91/322/EEC)

CAS	8 hours (mg/m ³)	8 hours (ppm)	Short-term (mg/m ³)	Short-term (ppm)	Notes
101-84-8	7	1	14	2	

UK / WEL

(Workplace exposure limits, EH40/2005, 2020)

CAS	Long-term (8hr TWA) (mg/m ³)	Long-term (8hr TWA) (ppm)	Short-term (15min) (mg/m ³)	Short-term (15min) (ppm)	Notes
101-84-8	1	7	2	14	

No information

8.2 Exposure controls

Engineering controls

No information

Individual protection measures

Refer to Section 5 for specific fire / chemical personal protective equipment advice.
Always wash routinely before breaks, meals and at the end of the work period.

Eye / face protection

Wear safety goggles.

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Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information

Environmental exposure controls

No information

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Flash Point (°C) Above 61

Physical state Liquid

9.2 Other information

Information with regard to physical hazard classes

No further information available

Other safety characteristics

No further information available

Section 10: Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

10.4 Conditions to avoid

Extreme temperatures

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10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

1-Benzopyran-2-one (Coumarin) CAS:
91-64-5

LD50(oral): 500 mg/kg LD50(dermal): Not
applicable LC50(inhalation): Not applicable

Phenethyl alcohol (Phenyl ethyl alcohol)
CAS: 60-12-8

ATE(oral): 500 mg/kg LD50(dermal): Not
applicable LC50(inhalation): Not applicable

Skin corrosion / irritation

No data

Serious eye damage / irritation

No data

Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

Reproductive toxicity

No data

Specific Target Organ - single exposure

No data

Specific Target Organ - repeated exposure

No data

Aspiration hazard

No data

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Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

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

No data

Interactive effects

No data

11.2 Information on other hazards

Endocrine disrupting properties

No data

Other information

No data

Section 12: Ecological information

12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

No data

12.7 Other adverse effects

No data available

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12.8 Additional information

No data

Section 13: Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

Section 14: Transport information

14.1 UN number or ID number 3082

14.2 UN proper shipping name ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (CONTAINS
LIMONENE)

14.3 Transport hazard class(es) 9

14.4 Packing group III

Tunnel Code (E)

14.5 Environmental Hazards

No relevant information available

14.6 Special precautions for user

No relevant information available

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Section 15: Regulatory information

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

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Section 16: Other information

Full list of precautionary phrases

P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.

Wording of any hazard classes listed in section 3

FL 3	Flammable liquid, category 3
ATO 4	Acute toxicity, oral, category 4
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2	Eye damage/irritation, category 2
ATI 3	Acute toxicity, inhalation, category 3
REP 2	Reproductive toxicity, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2
EH C3	Aquatic hazard, chronic, category 3

Wording of any hazard statements listed in section 3

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
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

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H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This Certificate assesses the conformity of a fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

CERTIFYING PARTY:

Essican Purelife - Unit 2A Hollow Wood Road, Dover, Kent CT17 0UB

CERTIFICATE DELIVERED TO:

Customer:

SCOPE OF THE CERTIFICATE:

Product: DEV-56283 FROSTED PINE & EUCALYPTUS FRAGRANCE

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Standards (published June, 2023), provided it is used in the following category(ies) at a maximum concentration level of:

IFRA Category(ies) [see Table 12 in Guidance for the use of IFRA Standards for details]	Level of use (%)*
Category 1	0.00
Category 2	6.06
Category 3	3.90
Category 4	100.00
Category 5A	28.79
Category 5B	5.33
Category 5C	7.24
Category 5D	1.81
Category 6	0.00
Category 7A	6.38
Category 7B	6.38
Category 8	1.81
Category 9	22.86
Category 10A	22.86
Category 10B	62.86
Category 11A	1.81
Category 11B	1.81
Category 12	100.00

**Actual use level or maximum use level*

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact the certifying party.

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in any way.

OPTIONAL INFORMATION:**Product:** DEV-56283 FROSTED PINE & EUCALYPTUS FRAGRANCE

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture named above is as follows:

Materials under the scope of IFRA Standards:	CAS number(s):	Recommendation from IFRA Standard:	Concentration (%) in fragrance mixture or finished product:
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2		10.50
Cyclamen aldehyde	103-95-7	Specification: Cyclamen aldehyde should not contain more than 1.5% of Cyclamen alcohol.	0.91
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	68039-49-6	Restriction: The above limits apply to Dimethylcyclohexen-3-ene-1-carbaldehyde (mixed isomers) used individually or in combination. The sum of concentrations of Dimethylcyclohexen-3-ene-1-carbaldehyde isomers should not exceed the maximum concentration levels established by this Standard.	1.07
p-Methoxybenzaldehyde	123-11-5		0.66
Methyl ionone, mixed isomers	127-51-5	Restriction: The above limits apply to Methyl ionone isomers used individually or in combination. Specification: Pseudo methyl ionones (CAS numbers 26651-96-7, 72968-25-3, 1117-41-5) should not be used as fragrance ingredient as such. A level of up to 2% of Pseudo methyl ionones as an impurity in Methyl ionones is accepted.	3.42

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Citronellol	106-22-9		3.41
Coumarin	91-64-5		1.32
Geraniol	106-24-1		2.81
a-Hexyl cinnamic aldehyde	101-86-0		3.38
Limonene	5989-27-5	Specification: Oxidation products of Limonene, especially hydroperoxides, have been demonstrated to be potent sensitizers. d-, l- and dl-Limonene and natural products containing substantial amounts of it, should only be used when the level of (hydro)peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. The addition of 0.1% BHT or a-Tocopherol for example has shown great efficiency. Such products should have a peroxide value of less than 20 millimoles per liter, determined according to the IFRA analytical method for the determination of the peroxide value, which can be downloaded from the IFRA website (www.ifrafragrance.org).	4.75
Linalool	78-70-6	Specification: Oxidation products of Linalool, especially hydroperoxides, have been demonstrated to be potent sensitizers. d-, l- and dl-Linalool and natural products containing substantial amounts of it, should only be used when the level of (hydro)peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. The addition of 0.1% BHT or a-Tocopherol for example has shown great efficiency. Such products should have a peroxide value of less than 20 millimoles per liter, determined according to the IFRA analytical method for the determination of the peroxide value, which can be downloaded from the IFRA website (www.ifrafragrance.org).	1.86

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in any way.

Annex: Definition of IFRA Standard categories by product type

Product type	Category
Products applied to the lips	1
Products applied to the axillae	2
Products applied to the face/body using fingertips	3
Products related to fine fragrance	4
Products applied to the face and body using the hands (palms), primarily leave-on:	
----- Body lotion products applied to the body using the hands (palms), primarily leave on	5A
----- Face moisturizer products applied to the face using the hands (palms), primarily leave on	5B
----- Hand cream products applied to the hands using the hands (palms), primarily leave on	5C
----- Baby creams, baby oils and baby talc	5D
Products with oral and lip exposure	6
Products applied to the hair with some hand contact:	
----- Rinse-off products applied to the hair with some hand contact	7A
----- Leave-on products applied to the hair with some hand contact	7B
Products with significant anogenital exposure	8

Annex: Definition of IFRA Standard categories by product type - continued

Product type	Category
Products with body and hand exposure, primarily rinse off	9
Household care products with mostly hand contact:	
Household care excluding aerosol products (excluding aerosol/spray products)	10A
Household aerosol/spray products	10B
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate:	
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure	11A
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	11B
Products not intended for direct skin contact, minimal or insignificant transfer to skin	12



Allergen Analysis

Product: DEV-56283 FROSTED PINE & EUCALYPTUS FRAGRANCE

Ingredient	CAS number(s):	Concentration present as a percentage (%) or "A" for absent
alpha-iso-Methylionone	127-51-5	3.42
Amyl Cinnamal	122-40-7	A
Amylcinnamyl Alcohol	101-85-9	A
Anise Alcohol	105-13-5	A
Benzyl Alcohol	100-51-6	A
Benzyl Benzoate	120-51-4	A
Benzyl Cinnamate	103-41-3	A
Benzyl Salicylate	118-58-1	A
Butylphenyl Methylpropional (Lilial)	80-54-6	A
Cinnamal	104-55-2	A
Cinnamyl Alcohol	104-54-1	A
Citral	106-26-3, 141-27-5, 5392-40-5	A
Citronellol	106-22-9, 1117-61-9, 141-25-3, 26489-01-0, 6812-78-8, 7540-51-4	3.41
Coumarin	91-64-5	1.32
Eugenol	97-53-0	A
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A
Farnesol	106-28-5, 16106-95-9, 3790-71-4, 3879-60-5, 4602-84-0	A
Geraniol	106-24-1	2.81
Hexyl Cinnamal	101-86-0	3.38
Hydroxycitronellal	107-75-5	A
Isoeugenol	5932-68-3, 97-54-1	A
Limonene	138-86-3, 5989-27-5, 5989-54-8, 7705-14-8	4.75
Linalool	126-90-9, 126-91-0, 78-70-6	1.86
Methyl 2-Octynoate	111-12-6	A

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in any way.