

ALLERGEN DECLARATION

Fragrance ingredients restricted as potential allergens in Annex III of the European Cosmetic Regulation (EC) 1223/2009 and its amendments.

ORANGE CLOVE FRAGRANCE

Ingredient Name	CAS	Concentration (%)
3-PROPYLIDENEPHTHALIDE	17369-59-4	n.d.
6-METHYL COUMARIN	92-48-8	n.d.
ACETYL CEDRENE	32388-55-9	n.d.
ALPHA-ISOMETHYL IONONE	127-51-5	n.d.
ALPHA-TERPINENE	99-86-5	0.031%
AMYL CINNAMAL	122-40-7	n.d.
AMYL SALICYLATE	2050-08-0	n.d.
AMYLCINNAMYL ALCOHOL	101-85-9	n.d.
ANETHOLE	104-46-1, 4180-23-8	n.d.
ANISE ALCOHOL	105-13-5	n.d.
BENZALDEHYDE	100-52-7	n.d.
BENZYL ALCOHOL	100-51-6	n.d.
BENZYL BENZOATE	120-51-4	0.006%
BENZYL CINNAMATE	103-41-3	n.d.
BENZYL SALICYLATE	118-58-1	0.002%
BETA-CARYOPHYLLENE	87-44-5	5.206%
CAMPHOR	76-22-2, 464-49-3, 21368-68-3, 464-48- 2	n.d.
CANANGA ODORATA OIL/EXTRACT	8006-81-3, 68606- 83-7, 83863-30-3, 93686-30-7	0.100%
CARVONE	99-49-0, 2244-16-8, 6485-40-1	n.d.
CEDRUS ATLANTICA OIL/EXTRACT	8023-85-6, 92201- 55-3	n.d.
CINNAMAL	104-55-2	2.401%
CINNAMOMUM CASSIA LEAF OIL	8007-80-5, 84961- 46-6	n.d.
CINNAMOMUM ZEYLANICUM BARK OIL	8015-91-6, 84649- 98-9	n.d.
CINNAMYL ALCOHOL	104-54-1	1.400%
CITRAL	5392-40-5, 141-27-5, 106-26-3	3.624%
CITRONELLOL	106-22-9, 1117-61-9, 26489-01-0, 6812- 78-8, 141-25-3, 7540-51-4	0.012%
CITRUS AURANTIUM BERGAMIA PEEL OIL	8007-75-8, 89957- 91-5, 68648-33-9, 85049-52-1	n.d.
CITRUS AURANTIUM FLOWER OIL	72968-50-4, 8028- 48-6, 8016-38-4	n.d.
CITRUS AURANTIUM PEEL OIL	68916-04-1, 72968- 50-4, 97766-30-8, 8028-48-6, 8008-57- 9	17.147%

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Ingredient Name	CAS	Concentration (%)
CITRUS LIMON PEEL OIL	8008-56-8, 84929-31-7	n.d.
COUMARIN	91-64-5	0.300%
DIMETHYL PHENETHYL ACETATE	151-05-3	n.d.
EUCALYPTUS GLOBULUS OIL	8000-48-4, 97926-40-4	n.d.
EUGENIA CARYOPHYLLUS OIL	8000-34-8, 8015-97-2, 84961-50-2	6.500%
EUGENOL	97-53-0	13.352%
EUGENYL ACETATE	93-28-7	0.750%
EVERNIA FURFURACEA EXTRACT	90028-67-4, 68648-41-9, 68917-40-8	n.d.
EVERNIA PRUNASTRI EXTRACT	90028-68-5, 68917-10-2, 9000-50-4	n.d.
FARNESOL	4602-84-0	0.002%
GERANIOL	106-24-1	0.208%
GERANYL ACETATE	105-87-3	0.105%
HEXADECANOLACTONE	109-29-5	n.d.
HEXAMETHYLINDANOPYRAN	1222-05-5	n.d.
HEXYL CINNAMAL	101-86-0	0.897%
HYDROXYCITRONELLAL	107-75-5	n.d.
ISOEUGENOL	97-54-1, 5932-68-3, 5912-86-7	0.907%
ISOEUGENYL ACETATE	93-29-8	0.598%
JASMINE OIL/EXTRACT	84776-64-7, 90045-94-6, 8022-96-6, 8024-43-9	n.d.
JUNIPERUS VIRGINIANA OIL	8000-27-9, 85085-41-2	n.d.
LAURUS NOBILIS LEAF OIL	8002-41-3, 8007-48-5, 84603-73-6	n.d.
LAVANDULA OIL/EXTRACT	91722-69-9, 8022-15-9, 93455-96-0, 93455-97-1, 92623-76-2, 84776-65-8, 8000-28-0, 90063-37-9	n.d.
LEMONGRASS OIL	8007-02-1, 89998-16-3, 91844-92-7	n.d.
LIMONENE	138-86-3, 7705-14-8, 5989-27-5, 5989-54-8	16.397%
LINALOOL	78-70-6, 126-91-0	0.780%
LINALYL ACETATE	115-95-7	2.300%
LIPPIA CITRIODORA ABSOLUTE	8024-12-2, 85116-63-8	n.d.
MENTHA PIPERITA OIL	8006-90-4, 84082-70-2	n.d.
MENTHA VIRIDIS LEAF OIL	8008-79-5, 84696-51-5	n.d.
MENTHOL	89-78-1, 1490-04-6, 2216-51-5, 15356-60-2	0.060%
METHYL 2-OCTYNOATE	111-12-6	n.d.

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Ingredient Name	CAS	Concentration (%)
METHYL SALICYLATE	119-36-8	n.d.
MYROXYLON PEREIRAE OIL/EXTRACT	8007-00-9	n.d.
NARCISSUS EXTRACT	90064-26-9, 68917-12-4, 90064-27-0, 90064-25-8	n.d.
PELARGONIUM GRAVEOLENS OIL	8000-46-2, 90082-51-2	n.d.
PINENE	80-56-8, 7785-70-8, 127-91-3, 18172-67-3	0.569%
PINUS MUGO	90082-72-7	n.d.
PINUS PUMILA	97676-05-6	n.d.
POGOSTEMON CABLIN OIL	8014-09-3, 84238-39-1	n.d.
ROSE FLOWER OIL/EXTRACT	8007-01-0, 90106-38-0, 93334-48-6, 84696-47-9, 84604-12-6, 84604-13-7, 92347-25-6	n.d.
ROSE KETONES	43052-87-5, 23726-94-5, 24720-09-0, 23696-85-7, 57378-68-4, 71048-82-3, 23726-92-3, 23726-91-2	n.d.
SALICYLALDEHYDE	90-02-8	n.d.
SANTALOL	115-71-9, 77-42-9, 11031-45-1	n.d.
SANTALUM ALBUM OIL	8006-87-9, 84787-70-2	n.d.
SCLAREOL	515-03-7	n.d.
TERPINEOL	8000-41-7, 98-55-5, 138-87-4, 586-81-2	0.009%
TERPINOLENE	586-62-9	0.011%
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	54464-57-2, 54464-59-4, 68155-66-8, 68155-67-9	n.d.
TRIMETHYLBENZENEPROPANOL	103694-68-4	n.d.
TRIMETHYLCYCLOPENTENYL METHYLISOPENTENOL	67801-20-1	n.d.
TURPENTINE	8006-64-2, 9005-90-7, 8052-14-0	n.d.
VANILLIN	121-33-5	0.500%

(n.d. = not detectable. Detection limit is 10ppm)

This declaration is a result of a calculated analysis of the formulation. These calculated concentrations do not replace chromatographic quantification on individual batches. Please note that the information contained herein is provided in good faith and is, to the best of our current knowledge, true and accurate at the time it is given, and may be subject to change. Fragrance Oils (International) Limited is not liable for any damages that may result from the misuse of this data. It is the responsibility of the person(s) placing the finished product on the market to perform their own evaluation including with respect to finished product applications. Any Customer product, marketing or other claims are the Customer's ultimate responsibility.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: ORANGE CLOVE FRAGRANCE

Version: 18

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: ORANGE CLOVE FRAGRANCE (Contains:CINNAMAL, ISOEUGENOL, LIMONENE, METHYLCINNAMIC ALDEHYDE)

Other identifiers: None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: Imperial Supply Ltd.

Company address: Common Lane,
Industrial Estate,
Kenilworth, CV8 2EL,
United Kingdom

Contact:

E-Mail address: info@craftovator.co.uk

Company phone: +44 1926 291009

1.4 Emergency telephone number

Emergency phone: Outside Office Hours: +44 1926 291009

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

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2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H400, Very toxic to aquatic life.
H411, Toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains (1S,5S)-6,6-DIMETHYL-2-METHYLIDENE BICYCLO[3.1.1]HEPTANE, 4-(1-METHYLETHYL)-CYCLOHEXANEMETHANOL, ALPHA-PINENES, BETA-CARYOPHYLLENE, BETA-PINENES, CINNAMYL ALCOHOL, CITRAL, COUMARIN, EUCALYPTOL, EUGENOL, EUGENYL ACETATE, GERANIOL, GERANYL ACETATE, HEXYL CINNAMAL, LINALOOL, LINALYL ACETATE, NEROL, NERYL ACETATE, PHENETHYL SALICYLATE. May produce an allergic reaction.

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



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2.3 Other hazards

Other hazards: Sensitisers declared on a CLP Hazard Label: (1S,5S)-6,6-DIMETHYL-2-METHYLIDENE BICYCLO[3.1.1] HEPTANE, 4-(1-METHYLETHYL)-CYCLOHEXANEMETHANOL, ALPHA-PINENES, BETA-CARYOPHYLLENE, BETA-PINENES, CINNAMYL ALCOHOL, CITRAL, COUMARIN, EUCALYPTOL, EUGENOL, EUGENYL ACETATE, GERANIOL, GERANYL ACETATE, HEXYL CINNAMAL, LINALOOL, LINALYL ACETATE, NEROL, NERYL ACETATE, PHENETHYL SALICYLATE

Hydrocarbon Concentration %: 22.879%

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
METHYLCINNAMIC ALDEHYDE	101-39-3	202-938-8		10-<20%	SS 1B-EH A1-EH C2; H317-H400-H411,-	oral: ATE = 2050 mg/kg bw
LIMONENE	5989-27-5	227-813-5		10-<20%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C3;H226-H304-H315-H317-H400-H412,-	
EUGENOL	97-53-0	202-589-1		10-<20%	EDI 2-SS 1B;H317-H319,-	oral: ATE = 2500 mg/kg bw
BETA-CARYOPHYLLENE	87-44-5	201-746-1		5-<10%	SS 1B-AH 1;H304-H317,-	
CITRAL	5392-40-5	226-394-6	01-2119462829-23-xxxx	1-<5%	SCI 2-EDI 2-SS 1; H315-H317-H319,-	
CINNAMAL	104-55-2	203-213-9		1-<5%	SCI 2-EDI 2-SS 1A-EH C3;H315-H317-H319-H412,-	oral: ATE = 2220 mg/kg bw
LINALYL ACETATE	115-95-7	204-116-4	01-2119454789-19-xxxx	1-<5%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	
CINNAMYL ALCOHOL	104-54-1	203-212-3		1-<5%	ATO 4-SS 1B-EH C2; H302-H317-H411,-	oral: ATE = 2000 mg/kg bw
4-(1-METHYLETHYL)-CYCLOHEXANEMETHANOL	5502-75-0, 13828-37-0	939-719-8, 237-539-8	01-2119983532-32-xxxx	1-<5%	SCI 2-SS 1B;H315-H317,-	
ISOEUGENOL	97-54-1, 5932-68-3, 5912-86-7	202-590-7, 227-678-2, 227-633-7		0.1-<1%	ATO 4-ATD 4-ATI 4-SCI 2-EDI 2-SS 1A-STO-SE 3(RI);H302-H312-H315-H317-H319-H332-H335,-	Skin Sens. 1; H317; C ≥ 0.01%-inhalation: ATE = 1.5 mg/l (dusts or mists)-dermal: ATE = 1912 mg/kg bw-oral: ATE = 1500 mg/kg bw
HEXYL CINNAMAL	101-86-0	202-983-3		0.1-<1%	SS 1B-EH A1-EH C2; H317-H400-H411,-	oral: ATE = 3100 mg/kg bw
LINALOOL	78-70-6	201-134-4	01-2119474016-42-xxxx	0.1-<1%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	oral: ATE = 2790 mg/kg bw
EUGENYL ACETATE	93-28-7	202-235-6		0.1-<1%	ATO 4-SS 1B;H302-H317,-	oral: ATE = 1670 mg/kg bw
PHENETHYL SALICYLATE	87-22-9	201-732-5		0.1-<1%	SCI 2-SS 1B-EH C2; H315-H317-H411,-	oral: ATE = 2500 mg/kg bw

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NEROL	106-25-2	203-378-7		0.1-<1%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-	oral: ATE = 4500 mg/kg bw
MYRCENE	123-35-3	204-622-5		0.1-<1%	FL 3-SCI 2-EDI 2-AH 1-EH A1-EH C2;H226- H304-H315-H319- H400-H411,-	
ALPHA-PINENES	80-56-8	201-291-9		0.1-<1%	FL 3-ATO 4-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H302-H304- H315-H317-H410,-	oral: ATE = 500 mg/kg bw
COUMARIN	91-64-5	202-086-7		0.1-<1%	ATO 4-SS 1B-EH C3; H302-H317-H412,-	oral: ATE = 500 mg/kg bw
GERANIOL	106-24-1	203-377-1	01-2119552430-49-xxxx	0.1-<1%	SCI 2-EDI 1-SS 1; H315-H317-H318,-	oral: ATE = 3600 mg/kg bw
BETA-PINENES	127-91-3	204-872-5		0.1-<1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-	
EUCALYPTOL	470-82-6	207-431-5		0.1-<1%	FL 3-SS 1B;H226- H317,-	oral: ATE = 2480 mg/kg bw
GERANYL ACETATE	105-87-3	203-341-5	01-2119973480-35-xxxx	0.1-<1%	SCI 2-SS 1B-EH C3; H315-H317-H412,-	
(1S,5S)-6,6-DIMETHYL- 2- METHYLIDENEBCYCL O[3.1.1]HEPTANE	18172-67-3	242-060-2		0.1-<1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-	
NERYL ACETATE	141-12-8	205-459-2		0.1-<1%	SS 1B;H317,-	

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
DIETHYL PHTHALATE	84-66-2	201-550-6	01-2119486682-27-xxxx	20-<50%	-,-,-	

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

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Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

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7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
DIETHYL PHTHALATE	84-66-2	201-550-6	UK Long-term exposure limit (8-hour TWA) (mg/m ³)	5 mg/m ³
			UK Short-term exposure limit (15-minute) (mg/m ³)	10 mg/m ³

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour:	Clear yellow to brown liquid
Odour:	Not determined
Odour threshold:	Not determined
Melting point / freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	Not determined

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Flammability:	Not determined
Lower and upper explosion limit:	Not determined
Flash point:	68 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Kinematic viscosity:	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water (log value):	Not determined
Vapour pressure:	Not determined
Density and/or relative density:	0.9930 - 0.9970
Relative vapour density:	Not determined
Particle characteristics:	Not determined

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

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

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable

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Acute Toxicity Inhalation Not Available
Skin corrosion/irritation: Skin Corrosion / Irritation Category 2
Serious eye damage/irritation: Eye Damage / Irritation Category 2
Respiratory or skin sensitisation: Sensitization - Skin Category 1
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Based on available data the classification criteria are not met.
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
CINNAMYL ALCOHOL	104-54-1	203-212-3	2000	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties: Not Applicable

12.7 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

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	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (METHYLCINNAMIC ALDEHYDE, LIMONENE)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (METHYLCINNAMIC ALDEHYDE, LIMONENE) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (METHYLCINNAMIC ALDEHYDE, LIMONENE)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (METHYLCINNAMIC ALDEHYDE, LIMONENE)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: SCI 2=38.43% EDI 2=42.09% SS 1=1.10% AH 1=43.71% EH A1=67.56% EH C2=96.57% EH C3=9.00% EH C4=63.18% EDI 2A=42.09%

Total Fractional Values: SCI 2=2.60 EDI 2=2.38 SS 1=90.74 AH 1=2.29 EH A1=1.48 EH C2=1.04 EH C3=11.11 EH C4=1.58 EDI 2A=2.38

Key to revisions:

Concentration % Limits

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
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SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: ORANGE CLOVE FRAGRANCE

Version: 18

AH 1	Aspiration Hazard Category 1
ATD 4	Acute Toxicity - Dermal Category 4
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
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.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

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P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(RI)	Specific Target Organ Toxicity (Single Exposure) Category 3

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

ORANGE CLOVE FRAGRANCE (10% in NON HAZARDOUS BASE) (CINNAMAL, ISOEUGENOL, LIMONENE, METHYLCINNAMIC ALDEHYDE)



Warning: May cause an allergic skin reaction. Avoid breathing vapour or dust. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container to approved disposal site, in accordance with local regulations. Contains 4-(1-METHYLETHYL)-CYCLOHEXANEMETHANOL, BETA-CARYOPHYLLENE, CINNAMYL ALCOHOL, CITRAL, EUGENOL, LINALYL ACETATE. May produce an allergic reaction.

Preview

Preview

ORANGE CLOVE FRAGRANCE (25% in NON HAZARDOUS BASE) (CINNAMAL, ISOEUGENOL, LIMONENE, METHYLCINNAMIC ALDEHYDE)



Preview

Warning: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Avoid breathing vapour or dust. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Dispose of contents/container to approved disposal site, in accordance with local regulations. Contains 4-(1-METHYLETHYL)-CYCLOHEXANEMETHANOL, BETA-CARYOPHYLLENE, CINNAMYL ALCOHOL, CITRAL, EUGENOL, EUGENYL ACETATE, HEXYL CINNAMAL, LINALOOL, LINALYL ACETATE, PHENETHYL SALICYLATE. May produce an allergic reaction.

Preview