



Version: 1 (17/06/2024)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: CHRISTMAS TREE FRAGRANCE OIL

Version: 1

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

1.1 Product Identifier

Product identifier: CHRISTMAS TREE FRAGRANCE OIL (Contains:2,4-Dimethyl-3-cyclohexen-1-

carboxaldehyde, Cinnamaldehyde, Eugenol, alpha-Pinene)

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

Oasis Oils Ltd Company name: Company address: 30 Hogarth Close

> Cwmbran Torfaen NP44 3DA

Contact: Regulatory Affairs E-Mail address: oasisoils@outlook.com

Company phone: 07863 125473

1.4 Emergency telephone number

Emergency phone: 07863 125473

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of Sensitization - Skin Category 1

danger: Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H317, May cause an allergic skin reaction.

H411, Toxic to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Warning

Hazard statements: H317, May cause an allergic skin reaction.

H411, Toxic to aquatic life with long lasting effects.

EUH208, Contains 2-Methylundecanal, Coumarin, Isocyclocitral, Methyl atrarate, beta-**Supplemental** Information:

Caryophyllene, beta-Pinene, d-Limonene, dl-Limonene. May produce an allergic reaction.





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Precautionary statements:

P261, Avoid breathing vapour or dust.

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. P302/352, IF ON SKIN: Wash with plenty of soap and water.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P363, Wash contaminated clothing before reuse.

P391, Collect spillage.

P501, Dispose of contents/container to approved disposal site, in accordance with local

regulations.

Pictograms:



2.3 Other hazards

Other hazards: Sensitisers declared on a CLP

Hazard Label:

2-Methylundecanal, Coumarin, Isocyclocitral, Methyl atrarate, beta-Caryophyllene, beta-Pinene, d-Limonene, dl-Limonene

Hydrocarbon Concentration %:

5.5794%

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
alpha-Pinene	80-56-8	201-291-9		1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1- Aquatic Acute 1- Aquatic Chronic 1; H226-H302-H304- H315-H317-H410,-	M = 1-M = 1-oral: ATE = 500 mg/kg bw
Eugenol	97-53-0	202-589-1		1-<5%	Eye Irrit. 2-Skin Sens. 1B;H317-H319,-	oral: ATE = 2500 mg/kg bw
(2E)-2-ethyl-4-(2,2,3- trimethylcyclopent-3-en- 1-yl)but-2-en-1-ol	106185-75-5			1-<5%	Eye Irrit. 2-Aquatic Chronic 2;H319-H411,-	
Cinnamaldehyde	104-55-2	203-213-9		1-<5%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2-Skin Sens. 1A-Aquatic Chronic 3;H312-H315- H317-H319-H412,-	dermal: ATE = 1100 mg/kg bw-oral: ATE = 2200 mg/kg bw





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2,4-Dimethyl-3- cyclohexen-1- carboxaldehyde	68039-49-6	268-264-1	1-<5%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B-Aquatic Chronic 2;H315-H317- H319-H411,-	oral: ATE = 3900 mg/kg bw
beta-Pinene	127-91-3	204-872-5	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 1; H226-H304-H315- H317-H410,-	M = 1-M = 1
Coumarin	91-64-5	202-086-7	0.1-<1%	Acute Tox. 3-Skin Sens. 1B;H301-H317,-	oral: ATE = 290 mg/kg bw
d-Limonene	5989-27-5	227-813-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-	M = 1
dl-Limonene	138-86-3	205-341-0	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 3; H226-H304-H315- H317-H400-H412,-	M = 1
Allyl (cyclohexyloxy) acetate	68901-15-5	272-657-3	0.1-<1%	Acute Tox. 4-Aquatic Acute 1-Aquatic Chronic 1;H302-H410,-	M = 1-oral: ATE = 682 mg/kg bw
2-Methylundecanal	110-41-8	203-765-0	0.1-<1%	Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 1- Aquatic Chronic 1; H315-H317-H410,-	M = 1-M = 1
4-Methyl-3-decen-5-ol	81782-77-6	279-815-0	0.1-<1%	Aquatic Acute 1- Aquatic Chronic 2; H400-H411,-	M = 1
beta-Caryophyllene	87-44-5	201-746-1	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317,-	
Isocyclocitral	1335-66-6	215-638-7	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2- Skin Sens. 1B-Aquatic Chronic 3;H315-H317- H319-H412,-	oral: ATE = 3220 mg/kg bw
Methyl atrarate	4707-47-5	225-193-0	0.1-<1%	Skin Sens. 1B;H317,-	
1-Formyl-1-methyl-4-(4-methyl-pentyl)-3- cyclohexene	66327-54-6	266-314-7	0.1-<1%	Skin Irrit. 2-Aquatic Acute 1-Aquatic Chronic 1;H315-H410,-	M = 1-M = 1
Camphor	76-22-2	200-945-0	0.1-<1%	Flam. Sol. 2-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Dam. 1- STOT SE 2-STO-SE 2_ROUTE-Aquatic Chronic 2;H228-H302- H315-H318-H332- H371-H411,-	inhalation: ATE = 1.5 mg/l (dusts or mists)- oral: ATE = 1500 mg/kg bw
Camphene	79-92-5	201-234-8	0.1-<1%	Flam. Sol. 2-Aquatic Acute 1-Aquatic Chronic 1;H228-H410,-	M = 1-M = 1
Myrcene	123-35-3	204-622-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2-Asp. Tox 1-Aquatic Acute 1- Aquatic Chronic 2; H226-H304-H315- H319-H400-H411,-	M = 1





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REACTION MASS OF ALLYL (2- METHYLBUTOXY) ACETATE & ALLYL (3- METHOXYBUTOXY) ACETATE	67634-00-8,	266-803-5, 266-804-0, 916-328-0		0.1-<1%	Acute Tox. 4-Acute Tox. 4-Acute Tox. 2- Aquatic Acute 1;H302- H312-H330-H400,-	inhalation: ATE = 0.46 mg/l (dusts or mists)	
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Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
Camphor	76-22-2	200-945-0		0.1-<1%	STOT SÉ 2-STO-SE 2_ROUTE-Aquatic	inhalation: ATE = 1.5 mg/l (dusts or mists)- oral: ATE = 1500 mg/kg bw
Camphor	76-22-2, 21368-68-3, 464-49-3, 464-48-2	200-945-0, 244-350-4, 207-355-2, 207-354-7		0.1-<1%	-;-,-	
Diethyl phthalate	84-66-2	201-550-6		50-100%	-;-,-	

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: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water. **Ingestion:** Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.





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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.

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.





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Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value	
		200-945-0	UK WEL Long term ppm	2	
			UK WEL Long term mgm3	13	
	76-22-2		UK WEL Short term ppm	3	
Complete			200 045 0	UK WEL Short term mgm3	19
Camphor			UK WEL Long term ppm	2	
			UK WEL Long term mgm3	12	
			UK WEL Short term ppm	2	
			UK WEL Short term mgm3	12	
District white late	04.00.0	201-550-6	UK WEL Long term mgm3	5	
Diethyl phthalate	84-66-2		UK WEL Short term mgm3	10	

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.





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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour: Not determined Odour: Not determined **Odour threshold:** Not determined Melting point / freezing point: Not determined Boiling point or initial boiling point and boiling Not determined

range:

Flammability: Not determined Lower and upper explosion limit: Not determined

71 °C Flash point:

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 Not determined

value):

Vapour pressure: Not determined Density and/or relative density: Not determined 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.





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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 >5000

Acute Toxicity Inhalation Not Available

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

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.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
Cinnamaldehyde	104-55-2	203-213-9	2200	1100	INot available	Not available
Coumarin	91-64-5	202-086-7	290	Not available	Not available	Not available
,	67634-00-8, 67634-01-9	266-803-5, 266-804-0, 916-328-0	500	1100	0.46	Dust/mist

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.





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12.2 Persistence and degradability:Not available12.3 Bioaccumulative potential:Not available12.4 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

	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. (alpha- Pinene, beta-Pinene)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Pinene, beta-Pinene) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Pinene, beta-Pinene)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha- Pinene, beta-Pinene)	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





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15.2 Chemical Safety Assessment

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

Section 16. Other information

Concentration % Limits: SS 1=8.77% EH C2=36.30% EH C3=3.62%

Total Fractional Values: SS 1=11.40 EH C2=2.75 EH C3=27.59

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning				
Acute Tox. 2	Acute Toxicity - Inhalation Category 2				
Acute Tox. 3	Acute Toxicity - Oral Category 3				
Acute Tox. 4	Acute Toxicity - Oral Category 4				
Acute Tox. 4	Acute Toxicity - Dermal Category 4				
Acute Tox. 4	Acute Toxicity - Inhalation Category 4				
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1				
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1				
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2				
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3				
Asp. Tox 1	Aspiration Hazard Category 1				
Eye Dam. 1	Eye Damage / Irritation Category 1				
Eye Irrit. 2	Eye Damage / Irritation Category 2				
Flam. Liq. 3	Flammable Liquid, Hazard Category 3				
Flam. Sol. 2	Flammable Solid, Hazard Category 2				
H226	Flammable liquid and vapour.				
H228	Flammable solid.				
H301	Toxic if swallowed.				
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.				
H330	Fatal if inhaled.				
H332	Harmful if inhaled.				
H371	May cause damage to organs (organs, exposure route).				
H400	Very toxic to aquatic life.				
H410	Very toxic to aquatic life with long lasting effects.				





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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.
P260	Do not breathe vapour or dust.
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.
P284	Wear respiratory 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.
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.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
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.
P403/235	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.
STOT SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1A	Sensitization - Skin Category 1A





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Skin Sens. 1B Sensitization - Skin Category 1B

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.