

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** EUCALYPTUS LEMON OIL**CAS number:** 85203-56-1**EINECS number:** 286-249-8**Synonyms:** EUCLAYPTUS MACULATA CITRIODORA**INCI name:** Eucalyptus Citriodora Oil**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** Naissance

Unit 9 Milland Road

Industrial Estate

Neath

Neath Port Talbot

SA11 1NJ

Tel: 0800 0430 826**Email:** info@naissance.co.uk**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; -: EUH208**Most important adverse effects:** Contains l-limonene. May produce an allergic reaction. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** EUH208: Contains l-limonene. May produce an allergic reaction.

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.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

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Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of 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.

P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CITRONELLAL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-376-6	106-23-0	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	70-90%

ISOPULEGOL

-	89-79-2	-	Acute Tox. 4: H302; Acute Tox. 4: H302+312; Acute Tox. 4: H302+312+332; Acute Tox. 4: H302+332; Acute Tox. 4: H312; Acute Tox. 4: H312+332; Acute Tox. 4: H332	1-10%
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CITRONELLOL

203-375-0	106-22-9	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317	1-10%
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NEO ISO PULEGOL

-	96612-21-4	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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ALPHA-PINENE

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	1-10%
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L-LIMONENE

227-815-6	5989-54-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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(-)-LINALOOL

204-811-2	126-91-0	-	Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Irrit. 2: H319	<1%
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Non-classified ingredients:

CITRONELLYL ACETATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
205-775-0	150-84-5	-	-	1-10%

6-METHYL-5-HEPTEN-2-ONE

203-816-7	110-93-0	-	Flam. Liq. 3: H226	1-10%
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BETA-CARYOPHYLLENE

201-746-1	87-44-5	-	Asp. Tox. 1: H304	1-10%
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TERPINOLENE

-	586-62-9	-	-	<1%
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MYRCENE

-	123-35-3	-	-	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Get medical attention if irritation continues

Eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.

Ingestion: Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Get medical attention if any discomfort continues

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: Causes serious eye damage

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

Section 5: Fire-fighting measures

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5.1. Extinguishing media

Extinguishing media: Foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Keep containers cool. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Avoid inhalation of vapours. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Physical methods, absorbent material. Clean with detergent and hot water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Apply good manufacturing practice and industrial hygiene practices. Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Keep away from heat, sparks, open flames and hot surfaces.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, well ventilated area. Keep away from direct sunlight. Protect from freezing and direct sunlight.

Suitable packaging: Glass. Aluminium containers. Polyethylene.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

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DNEL/PNEC Values

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Type	Exposure	Value	Population	Effect
DNEL	Inhalation-Alpha Pinene (CAS:80-56-8)	3.8mg/m ³	Workers	Systemic
DNEL	Dermal-Alpha Pinene (CAS:80-56-8)	0.54mg/kg, bw/day	Workers	Systemic
DNEL	Inhalation-Alpha Pinene (CAS:80-56-8)	0.67mg/m ³	General Population	Systemic
DNEL	Dermal-Alpha Pinene (CAS:80-56-8)	0.19mg/kg, bw/day	General Population	Systemic
DNEL	Oral-Alpha Pinene (CAS:80-56-8)	0.19mg/kg, bw/day	General Population	Systemic
PNEC	Fresh water-Alpha Pinene (CAS:80-56-8)	0.606mg/l	-	Short Term
PNEC	Fresh water-Alpha Pinene (CAS:80-56-8)	3.03mg/l	-	Intermittent release
PNEC	Marine water-Alpha Pinene (CAS:80-56-8)	0.061mg/l	-	Short Term
PNEC	Fresh water sediments-Alpha Pinene (CAS:80-56-8)	157mg/kg	-	Short Term
PNEC	Marine sediments-Alpha Pinene (CAS:80-56-8)	15.7mg/kg	-	Short Term
PNEC	Soil (agricultural)-Alpha Pinene (CAS:80-56-8)	31.7mg/kg	-	Short Term
DNEL	Inhalation-Citronellyl Acetate CAS:150-84-5)	17mg/m ³	Workers	Systemic
DNEL	Dermal-Citronellyl Acetate CAS:150-84-5)	4.8mg/kg,bw/day	Workers	Systemic
DNEL	Inhalation-Citronellyl Acetate CAS:150-84-5)	4.2mg/m ³	General Population	Systemic
DNEL	Dermal-Citronellyl Acetate CAS:150-84-5)	2.4 bw/day, mg/kg	General Population	Systemic
DNEL	Oral-Citronellyl Acetate CAS:150-84-5)	2.4 bw/day, mg/kg	General Population	Systemic
PNEC	Fresh water-Citronellyl Acetate CAS:150-84-5)	0.003mg/l	-	Short Term
PNEC	Fresh water-Citronellyl Acetate CAS:150-84-5)	0.035mg/l	-	Intermittent release
PNEC	Marine water-Citronellyl Acetate CAS:150-84-5)	0mg/l	-	Short Term

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PNEC	Fresh water sediments-Citronellyl Acetate CAS:150-84-5)	0.851mg/kg	-	Short Term
PNEC	Marine sediments-Citronellyl Acetate CAS:150-84-5)	0.085mg/kg	-	Short Term
PNEC	Soil (agricultural)-Citronellyl Acetate CAS:150-84-5)	0.168mg/kg	-	Short Term
DNEL	Dermal-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	0.83mg/kg	Workers	Systemic
DNEL	Inhalation-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	5.83mg/m ³	Workers	Systemic
DNEL	Dermal-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	0.42mg/kg	General Population	Systemic
DNEL	Inhalation-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	1.25mg/m ³	General Population	Systemic
PNEC	Soil (agricultural)-7-methyl-3-methyleneocta-1,6-diene(CAS:1	1.015mg/kg	-	-
PNEC	Fresh water-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	0.00028mg/l	-	-
PNEC	Marine water-7-methyl-3-methyleneocta-1,6-diene(CAS:123-35-3)	0.0008mg/l	-	-
PNEC	Fresh water sediments-7-methyl-3-methyleneocta-1,6-diene(CAS	5.022mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Use chemical resistant gloves

Eye protection: Safety goggles.

Skin protection: Protective clothing. Apron.

Environmental: Avoid discharging into drainage water

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Characteristic odour

Solubility in water: The constituents of the substance have a water solubility ranging from 0.5 to 4364 mg/L @ 25c. 94.14% of the composition has a water solubility >17 mg/L

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Boiling point/range°C: 93 @ 1013hPa

Flash point°C: 73.7

Autoflammability°C: 225

Melting point/range°C: <-20

Part.coeff. n-octanol/water: log Pow: 2.06 - 6.3

Relative density: 0.858-0.880

9.2. Other information

Other information: Optical rotation: -2 to -4

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Will not polymerise

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Strong acids. Strong Alkalis.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	2653	mg/kg
DERMAL	RBT	LD50	2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: Causes serious eye damage

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of in accordance with local regulations

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

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Section 15: Regulatory information

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

Specific regulations: Regulation (EC) No 1272/2008 of the European Parliament and the council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended). Regulation (EC) no. 1907/ 2006 of the european parliament and the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) (as amended) CHIP for everyone HSG228.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H302+312: Harmful if swallowed or in contact with skin.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H302+332: Harmful if swallowed or if inhaled.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.