

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** RAVENSARA OIL ORGANIC**CAS number:** 91770-56-8**EINECS number:** 294-842-8**Synonyms:** RAVENSARA AROMATICA OIL**INCI name:** Ravensara Aromatica Leaf 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:** Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Muta. 2: H341; Carc. 2: H351; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Asp. Tox. 1: H304**Most important adverse effects:** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H341: Suspected of causing genetic defects.

H351: Suspected of causing cancer.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

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GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P308+313: IF exposed or concerned: Get medical attention.

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

P273: Avoid release to the environment.

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

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Other hazards: Danger of serious damage to health by prolonged exposure.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

D-LIMONENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	10-30%

4-TERPINEOL

209-235-5	562-74-3	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335	1-10%
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METHYLEUGENOL

-	93-15-2	-	Acute Tox. 4: H302; Muta. 2: H341; Carc. 2: H351	1-10%
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PIN-2(10)-ENE (BETA-PINENES)

204-872-5	127-91-3	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Asp. Tox. 1: H304	1-10%
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3-CARENE

236-719-3	13466-78-9	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1A: H317	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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LINALOOL=3,7-DIMETHYLOCTA-1,6-DIENE-3OL

201-134-4	78-70-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
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Non-classified ingredients:

BETA-CARYOPHYLLENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-746-1	87-44-5	-	Asp. Tox. 1: H304	1-10%

ALPHA PHELLANDRENE

202-792-5	99-83-2	-	-	1-10%
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CAMPHENE

-	-	-	-	1-10%
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SABINENE

222-212-4	3387-41-5	-	-	10-30%
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GAMMA-TERPINENE

-	99-85-4	-	-	1-10%
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EUCALYPTOL

-	470-82-6	-	-	1-10%
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MYRCENE

-	123-35-3	-	-	1-10%
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ESTRAGOLE (METHYL CHAVICOL)

205-427-8	140-67-0	-	-	1-10%
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ALPHA-TERPINENE

-	99-86-5	-	-	1-10%
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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. Watch out for trapped product on jewellery,

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watches, shoes etc. In the event of an allergic reaction seek medical attention. If the contaminated area is widespread and/or there is skin damage, a doctor MUST be called or the patient transferred to hospital.

Eye contact: Bathe the eye with running water for 15 minutes. If there is any redness, pain or visual impairment, consult an ophthalmologist.

Ingestion: Do not give the patient anything orally. If quantity is small (<mouthfull) rinse with water and consult a doctor. Seek medical attention immediately, showing the label. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

Inhalation: Move to fresh air for at least 15 minutes, in case of complaints seek medical attention.

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

Skin contact: There may be irritation and redness at the site of contact. May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic skin reaction

Eye contact: There may be irritation and redness. The eyes may water profusely. May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No data available.

Delayed / immediate effects: Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration. May be fatal if swallowed and enters airways. Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans.

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

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Keep packages near the fire cool, to prevent pressurised containers from bursting. Suitable methods of

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extinction: 1) Prevent the effluent of fire-fighting measures from entering drains or waterways. 2) Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Consult the safety measures listed under headings 7 and 8. For non first aid worker: Avoid any contact with the skin and eyes. For first aid worker: First aid workers will be equipped with suitable personal protective equipment (See section 8)

6.2. Environmental precautions

Environmental precautions: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any materials from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean preferably with a detergent, do not use solvents.

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: Wash hands before and after use. Remove and wash contaminated clothing before re-use. Remove contaminated clothing and protective equipment before entering eating areas. Ensure there is sufficient ventilation of the area. Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits. Never inhale this substance. Prevent the accumulation of electrostatic charges with connections to earth. Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected. Keep away from heat, sparks, open flames and hot surfaces. Avoid contact with skin, eyes and clothing

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. No smoking. Protect from freezing and direct sunlight.

Suitable packaging: No additional data available.

7.3. Specific end use(s)

Specific end use(s): No data available.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Facilities storing or utilising this material should be equipped with an eyewash facility. Where appropriate, use closed system to transfer and process this material - if appropriate, 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.

Respiratory protection: Not necessary in adequate local with general ventilation - avoid breathing vapours.

Hand protection: Wear suitable protective clothing and impervious gloves (EN 374). Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question :other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Eye protection: Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription galsses are not considered as protection. individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Skin protection: Protective clothing. In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Environmental: The usual precautions in handling chemicals have to be observed.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless to pale yellow.

Odour: Characteristic odour

Solubility in water: Insoluble

Boiling point/range°C: No data available.

Flash point°C: 50

Vapour pressure: No data available.

Melting point/range°C: No data available.

Autoflammability°C: No data available.

Relative density: 0.870 - 0.900

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9.2. Other information

Other information: No additional data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Heat. Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.
Avoid: Accumulation of electrostatic charges, heating, heat, flames and hot surfaces.

10.5. Incompatible materials

Materials to avoid: No data available.

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	-	LD50	1680	mg/kg
ORAL	-	LD50	3850	mg/kg
ORAL	-	LD50	2480	mg/kg
ORAL	-	LD50	810	mg/kg
ORAL	-	LD50	1300	mg/kg
DERMAL	-	LD50	2500	mg/kg
ORAL	-	LD50	3000	mg/kg
ORAL	-	LD50	3700	mg/kg
ORAL	-	LD50	4800	mg/kg
ORAL	-	LD50	1230	mg/kg

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Hazardous ingredients:

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	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	DRM	Hazardous: calculated
Germ cell mutagenicity	--	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic skin reaction

Eye contact: There may be irritation and redness. The eyes may water profusely. May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No data available.

Delayed / immediate effects: Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration. May be fatal if swallowed and enters airways. Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans.

Other information: CAS: 93-15-2: IARC Group 2B: The agent is possibly carcinogenic to humans. CAS: 5989-27-5: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

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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

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Do not pour into drains or waterways. Waste: Waste management is carried out without endangering human health, without harming the environment and, without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

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: UN1169

14.2. UN proper shipping name

Shipping name: EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/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: Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments. The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716) Classification and labelling substances and preparations Dangerous for Supply. Safety Data Sheets for substances and Preparations. Work place exposure limits EH40. CHIP for everyone HSG 108.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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: 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.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
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.

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