

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** LEMON CP OIL ORGANIC**CAS number:** 8008-56-8**INCI name:** Citrus limon**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:** Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1A: H317; Aquatic Chronic 2: H411**Most important adverse effects:** Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental

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**Signal words:** Danger

**Precautionary statements:** P262: Do not get in eyes, on skin, or on clothing.

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.

P331: Do NOT induce vomiting.

## 2.3. Other hazards

**Other hazards:** Dangerous for the environment. Xi, Irritant.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Non-classified ingredients:

##### DIPENTENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
205-341-0	138-86-3	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	50-70%

##### PINENES

-	80-56-8/127-91-3	-	-	10-30%
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##### GAMMA-TERPINENE

-	99-85-4	-	-	1-10%
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##### CITRAL

226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	1-10%
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##### MYRCENE

-	123-35-3	-	-	1-10%
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##### BETA-CARYOPHYLLENE

201-746-1	87-44-5	-	Asp. Tox. 1: H304	<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. If irritation persists, seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.

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**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

**Skin contact:** Skin sensitizer Category 1 according to UN-GHS and EU-CLP following EC 1272 guidelines.

**Eye contact:** Not classified under EC 1272/2008 guidelines.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Foam. Spray extinguishing media to base of flames. Do not use direct water jet on burning material.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** None

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Avoid skin and eye contact. Maintain good occupational and personal hygiene.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Keep away from surface and ground water.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Contain spillage immediately by use of sand or inert powder. Transfer to a suitable container. Dispose of in accordance with local regulations.

### 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. Ensure there is sufficient ventilation of the area. Observe good personal hygiene. Do not eat or drink. Smoking is forbidden.

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## 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 sources of ignition. Keep away from direct sunlight. Keep air contact to a minimum.

## 7.3. Specific end use(s)

**Specific end use(s):** N/A

## 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:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** As required Avoid breathing product vapour.

**Hand protection:** Use chemical resistant gloves Avoid contact with skin, wear protection Wash hands with soap and water after handling

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing. Apron.

**Environmental:** No additional data available.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Yellow

**Odour:** Lemon, citrus peel

**Solubility in water:** Not applicable.

**Boiling point/range°C:** No data available.

**Melting point/range°C:** Not applicable.

**Flash point°C:** Not applicable.

**Autoflammability°C:** Not applicable.

**Relative density:** 0.837

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** It presents no significant reactivity hazards, by itself or in contact with water.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

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## 10.3. Possibility of hazardous reactions

**Hazardous reactions:** None.

## 10.4. Conditions to avoid

**Conditions to avoid:** Avoid storage temperatures above 25°C.

## 10.5. Incompatible materials

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

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Non-identified organic compounds.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	2840	mg/kg
DERMAL	RBT	LD50	5000	mg/kg

#### Hazardous ingredients:

##### DIPENTENE

IVN	MUS	LD50	1010	µl/kg
ORL	MUS	LD50	5550	µl/kg
ORL	RAT	LD50	5300	mg/kg

##### CITRAL

IPR	RAT	LD50	460	mg/kg
ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	4960	mg/kg

### Symptoms / routes of exposure

**Skin contact:** Skin sensitiser Category 1 according to UN-GHS and EU-CLP following EC 1272 guidelines.

**Eye contact:** Not classified under EC 1272/2008 guidelines.

**Ingestion:** No data available.

**Inhalation:** No data available.

**Delayed / immediate effects:** No data available.

**Other information:** The phototoxicity elicited by cold-pressed lemon oil has been associated with naturally occurring and furocoumarins & coumarins. Two of these furocoumarins, 5-methoxypsoralen and oxypeucedanin, are the probable phototoxins but the

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concentration of these furocoumarins have been found to vary significantly with growing conditions.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 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 release into the environment Collect waste into suitable containers and contact hazardous chemical disposal company.

**Recovery operations:** No additional data available.

**Disposal of packaging:** No additional data available.

**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

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## 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

## 14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

## Section 15: Regulatory information

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

**Specific regulations:** This Safety data sheet was prepared in accordance with EC Regulation (EC) 1907-2006 (REACH), 1272/2008 (CLP) & 453/2010 & 830/2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 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 (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

## 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.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
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.