

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name:** BASIL OIL

**REACH registered number(s):** NOT PRE-REGISTERED

**CAS number:** 84775-71-3

**EINECS number:** 283-900-8

**INCI name:** Ocimum basilicum (Basil) Oil

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Concentrated product used in production of Personal Care, Fragrances and Aromatherapy.

**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:** Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Muta. 2: H341; Carc. 2: H351; Aquatic Chronic 2: H411

**Most important adverse effects:** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects (no additional data available). Suspected of causing cancer (no additional data available). 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.

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H341: Suspected of causing genetic defects (no additional data available).

H351: Suspected of causing cancer (no additional data available).

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Signal words:** Warning

**Precautionary statements:** P261: Avoid breathing vapour/spray.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

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

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

P501: Dispose of contents/container to accordance with local/national regulations.

## 2.3. Other hazards

**Other hazards:** Xi, Irritant. Xn - Harmful N, Dangerous to the environment

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Non-classified ingredients:

LINALOOL=3,7-DIMETHYLOCTA-1,6-DIENE-3OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-134-4	78-70-6	-	-	30-50%

EUGENOL

202-589-1	97-53-0	-	-	1-10%
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METHYL CHAVICOL

205-427-8	140-67-0	-	-	1-10%
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**Contains:** Mixture: This is a natural substance extracted by steam distillation of parts of ocimum basilicum. The substance has a natural variability in its composition and has not been rectified by the producer.

## Section 4: First aid measures

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## 4.1. Description of first aid measures

**Skin contact:** Rinse immediately with plenty of water.

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

**Ingestion:** Do not induce vomiting. Give a glass of water Consult a doctor.

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

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

**Skin contact:** Serious irritant.

**Eye contact:** Irritant.

**Ingestion:** No data available.

**Inhalation:** No data available.

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

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

**Immediate / special treatment:** Stinging sensation Depending on the level/type of exposure, small levels can be treated by first aider. Larger contact or if symptoms persist, seek medical help immediately

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Foam. Dry powder. Carbon dioxide. Vaporising liquids

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Moderate explosion hazard when exposed to flame.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Containers close to fire should be removed or cooled with water 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. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains, water courses or onto the ground

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

**Clean-up procedures:** For small spills, wash area with water and detergent. For large spills contain with earth, sand or similar inert absorbent material and transfer both liquids and solids to salvage containers and arrange disposal by disposal company. Wash with water and detergent

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## 6.4. Reference to other sections

**Reference to other sections:** No additional data available.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid spills, skin and eye contact. Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Must be stored and transported in accordance with local regulations. Store in tightly closed container in a dry, cool and well ventilated place. Protect from freezing and direct sunlight

**Suitable packaging:** Glass. Steel drums. Aluminium containers. F/HDPE Stainless steel.

### 7.3. Specific end use(s)

**Specific end use(s):** No additional data available.

## 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:** Use only in well ventilated area

**Respiratory protection:** None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.

**Hand protection:** Use chemical resistant gloves

**Eye protection:** Safety goggles.

**Skin protection:** No additional data available.

**Environmental:** No additional data available.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Pale yellow to yellow

**Odour:** Characteristic herb.

**Solubility in water:** Insoluble

**Also soluble in:** Alcohol.

**Flash point°C:** 75-Closed cup method

**Relative density:** 0.905

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## 9.2. Other information

**Other information:** Refractive index: 1.470 - 1.488 @ 25°C.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No data available.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Only use in well ventilated area

### 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
DERMAL	RBT	LD50	5610	mg/kg
ORAL	RAT	LD50	1700	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

### Symptoms / routes of exposure

**Skin contact:** Serious irritant.

**Eye contact:** Irritant.

**Ingestion:** No data available.

**Inhalation:** No data available.

[cont...]

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

**Other information:** Mutagenicity: Methyl chavicol is considered as potentially mutagenic and also a potential carcinogen.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:**

Species	Test	Value	Units
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	>28.8	-

### 12.2. Persistence and degradability

**Persistence and degradability:** Readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** The estimated potential for bio-concentration in aquatic organisms is low for linalool and eugenol.

### 12.4. Mobility in soil

**Mobility:** Not determined.

### 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:** Moderate toxicity earthworms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Regulations for disposal generally vary according to location. Contact local waste disposal authority for advice or pass to chemical disposal company. Ensure compliance with local, state and federal regulations. Waste is suitable for incineration

**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:** UN3082

### 14.2. UN proper shipping name

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

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## 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

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

Transport in bulk: No additional data available.

## Section 15: Regulatory information

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

**Specific regulations:** The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716) Classification and Labelling of Substances and Preparations Dangerous for supply.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No additional data available.

## 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:** H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye 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>.

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.