

## 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

**Commercial name** : BASIL ESSENTIAL OIL 100% pure and natural INDIA  
*Ocimum basilicum* L.

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

**Use** : Aromatic raw material for professional use

**Supplier** : ALBERT VIEILLE SAS - 629, Route de Grasse - BP 217 - 06227 VALLAURIS / FRANCE  
Tél 04 93 64 16 72 - Fax 04 93 64 80 07 - email :info@albertvieille.com

**Emergency telephone** : N° ORFILA +33 (0)1 45 42 59 59

## 2. HAZARDS IDENTIFICATION

**EC Dir.** : Harmful; CAR 2/MUT 2

Xn(Harmful),R22(Harmful if swallowed ), R52/53(Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment), R38(Irritating to skin ), R43(May cause sensitisation by skin contact ), R40(Limited evidence of a carcinogenic effect), R68(Possible risk of irreversible effects)

**CLP/GHS** : FL 4, ATO 4(1300), SCI 2, SS 1, CAR 2, MUT 2, EHA3,C3

SGH07, SGH08, H227(Combustible liquid), H302(Harmful if swallowed), H315(Causes skin irritation), H317(May cause an allergic skin reaction), H341(Suspected of causing genetic defects), H351(Suspected of causing cancer), H412(Harmful to aquatic life with long lasting effects), H402(Harmful to aquatic life), P262(Do not get in eyes, on skin, or on clothing), P280(Wear protective gloves/protective clothing/eye protection/face protection), P281(Use personal protective equipment as required)

Warning



## 3. COMPOSITION

Estragole	N°CAS : 140-67-0	N°CE : 205-427-8	<= 80.0%
Xn, Xi	R22-40-43-65		
SGH07, SGH08	H227-302-316-317-351-341	FL 4, ATO 4(1230), SCI 3, SS 1, CAR 2, MUT 2	
Linalool	N°CAS : 78-70-6	N°CE : 201-134-4	<= 22.0%
Xi	R38		
SGH07	H227-303-315-319-402	ATO 5 (2780), SCI 2, EH A3, EDI 2A, FL 4	
Cineol 1.8 (Eucalyptol)	N°CAS : 470-82-6	N°CE : 207-431-5	<= 1.0%
	R10		
SGH02	H226-303-316	FL 3, ATO 5(2480), SCI 3	
Eugenol	N°CAS : 97-53-0	N°CE : 202-589-1	<= 0.1%
Xi	R36-43		
SGH07	H303, 316, 319, 317, 401	ATO 5(2300); SCI 3; EDI 2A; SS 1B; EH A2	
Methyl eugenol	N°CAS : 93-15-2	N°CE : 202-223-0	< 0.1%
Xn,N	R22-40-68-51/53		
SGH07, SGH08	H 302, 341, 351, 401	ATO 4(810), CAR 2, MUT 2, EH A2	
*	N°CAS :	N°CE :	

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#### 4. FIRST-AID MEASURES

<b>Inhalation</b>	: Remove affected person to fresh air. In case of breathing difficulty, seek medical advice
<b>Eye contact</b>	: Flush with plenty of water for at least 15 min. Seek medical advice if symptoms persist
<b>Skin contact</b>	: Remove contaminated clothing. Rinse affected area with plenty of water. Contact a physician if symptoms persist.
<b>Ingestion</b>	: Rinse mouth out with water and seek medical advice immediately. Do not induce vomiting.

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#### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media recommended</b>	: Foam, carbon dioxide or dry chemical
<b>Non recommended</b>	: Direct waterjet
<b>Special precautions</b>	: Toxic vapours must be avoided during fire. Respiratory protection should be released during fire. Containers close to the fire should be cooled with a water spray.

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#### 6. ACCIDENTAL RELEASE MEASURES

<b>Individual protection</b>	: Avoid eye and skin contact. Don't smoke. Prevent any contact with hot surfaces. (see rubric 8)
<b>Environment protection</b>	: Keep away from drains, soil, surface and groundwater
<b>Methods for cleaning up</b>	: Contain spilled material, cover with an inert, non-combustible, inorganic, absorbent material and destroy according to the regulation in force.

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#### 7. HANDLING AND STORAGE

<b>Handling</b>	: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Use individual protective equipment. Do not drink, eat or smoke while handling.
<b>Storage</b>	: Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container
<b>Shelf life</b>	: 12 months from despatching date on, under normal storage conditions

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#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Respiratory protection</b>	: Avoid to breathe directly on the product. Ensure a good ventilation of the workroom
<b>Eye protection</b>	: Use safety glasses
<b>Hand protection</b>	: Use protective gloves
<b>Skin protection</b>	: Use protective clothing

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	: Liquid at room temperature
<b>Colour</b>	: Pale yellow to ambered yellow
<b>Odour</b>	: Fresh, spicy, anised
<b>Flash point in °C (closed cup)</b>	: +75°
<b>Specific gravity at 20°C</b>	: 0.925 to 0.950
<b>Refractive index at 20°C</b>	: 1.500 to 1.510
<b>Optical rotation at 20°C</b>	: -10° to -5°
<b>Solubility</b>	: Soluble in 96% ethanol (V/V)

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#### 10. STABILITY AND REACTIVITY

<b>Stability</b>	: No significant modifications in storage conditions (see rubric 7).
<b>Reactivity</b>	: No significant reactivity hazards in use conditions (see rubric 7).
<b>Conditions to avoid</b>	: High temperature and heat sources.
<b>Products to avoid</b>	: Avoid contacts with strong acids, alkali or oxidizing agents.

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#### 11. TOXICOLOGICAL INFORMATIONS

☞ Source RIFM

<b>Effect by ingestion ☞</b>	: LD50 for the rat = 1.4 ml/kg
<b>Effect by skin contact ☞</b>	: LD50 for the rabbit = 5 ml/kg

<b>CMR naturally present</b>	: *Safrole <0.1% (CAR 1B/MUT 2), methyl eugenol <0.1% (CAR 2/MUT2), estragole <= 80%(CAR2/MUT2) toluene <0.01% (REPRO 2)
<b>Residual solvent(s)</b>	: not applicable
<b>Cosmetics Allergens (76/768/EEC)</b>	: Certificate on request
<b>IFRA restrictions</b>	: *Not explicitly regulated by IFRA. It contains maximum 0.1% safrole, 0.5% eugenol, 0.1% methyl eugenol, 1% citral, 0.1% citronellol, 0.1% geraniol, 80% estragole, 0.01% trans-2-hexenal classified "R" (restricted) ; 0.1% limonene, 22% linalool classified "S" (specified) and 0.01% toluene classified "P" (prohibited).
<b>Flavouring legislation</b>	: Flavouring preparation (1334/2008/EEC regulation)

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## 12. ECOLOGICAL INFORMATIONS

Prevent contamination of soil, ground and surfacewater. Biodegradability not determined.

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## 13. ELIMINATION CONSIDERATIONS

In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

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## 14. TRANSPORT REGULATION

<b>Customs code</b>	: 33012941
<b>Transport</b>	: Not regulated.

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## 15. REGULATORY INFORMATIONS

### Regulations specific for the substance or mixture:

not available data

### Chemical safety assessment:

not available data

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## 16. OTHER INFORMATION

The information in this safety data sheet is based on the properties of the material known to ALBERT VIEILLE SAS at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. For such safety assessment ALBERT VIEILLE SAS holds no responsibility. This document is not intended for quality insurance purposes.

**Last modification** : \*Update DPD