

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Commercial name	: HYSSOP ESSENTIAL OIL 100% pure and natural BULGARIA <i>Hyssopus officinalis</i> L. ssp officinalis
EINECS number	: 283-266-2
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, flammable and dangerous for the environment

Xn(Harmful), N(Dangerous for the environment),R10(Flammable), R22(Harmful if swallowed), R43(May cause sensitisation by skin contact), R51/53(Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment), R65(Harmful: may cause lung damage if swallowed), S24(Avoid contact with skin.), S37(Wear suitable gloves.), S61(Avoid release to the environment. Refer to special instructions / safety data sheets.), S62(If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.)

CLP/GHS : FL 3, ATO 5(2500), ATD 5(4600), AH 1, SCI 3, SS 1, EH A2,C2

SGH02, SGH07, SGH08, SGH09, H226(Flammable liquid and vapour), H304(May be fatal if swallowed and enters airways), H316(Causes mild skin irritation), H317(May cause an allergic skin reaction), H401(Toxic to aquatic life), H411(Toxic to aquatic life with long lasting effects), P280(Wear protective gloves/protective clothing/eye protection/face protection), P273(Avoid release to the environment), P301/330/331(IF SWALLOWED: Rinse mouth. Do NOT induce vomiting), P315(Get immediate medical advice/attention), P101(If medical advice is needed, have product container or label at hand), H313(May be harmful in contact with skin), H303(May be harmful if swallowed), P312(Call a POISON CENTER or doctor/physician if you feel unwell)

Danger



3. COMPOSITION

alpha-Pinene	N°CAS : 80-56-8	N°CE : 201-291-9	<= 1.5%
Xn	R(10)-38-43-65		
SGH02, SGH07, SGH08	H226-303-304-315-317	FL 3, ATO 5(3700), SCI 2, SS 1B, AH 1	
beta-Pinene	N°CAS : 127-91-3	N°CE : 204-872-5	<= 20.0%
Xn	R(10)-38-43-65		
SGH02, SGH07, SGH08	H226-304-315-317	FL 3, SCI 2, SS 1B, AH 1	
Limonene	N°CAS : 138-86-3	N°CE : 205-341-0	<= 4.0%
Xi,N	R10-38-43-50/53		
SGH07, SGH08, SGH09, SGH02	H304, 315, 317, 410, 226	AH 1, SCI 2, SS 1B, EH A1,C1, FL 3	
Methyl eugenol	N°CAS : 93-15-2	N°CE : 202-223-0	<= 0.3%
Xn,N	R22-40-68-51/53		
SGH07, SGH08	H 302, 341, 351, 401	ATO 4(810), CAR 2, MUT 2, EH A2	

4. FIRST-AID MEASURES

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

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Respiratory protection** : Avoid to breath directly on the product. Ensure a good ventilation of the workroom
Eye protection : Use safety glasses
Hand protection : Use protective gloves
Skin protection : Use protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Mobile liquid, limpid at room temperature
Colour : Pale yellow to brown yellow
Odour : Strong, herbaceous, camphorated
Flash point in °C (closed cup) : +59°
Specific gravity at 20°C : 0.920 to 0.950
Refractive index at 20°C : 1.475 to 1.486
Optical rotation at 20°C : -25° to -10°
Solubility : Not soluble in ethanol

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATIONS

☞ Source RIFM

- Effect by ingestion** ☞ : LD50 for the rat = 1,4 ml/kg
Effect by skin contact ☞ : LD50 for the rabbit = 5 ml/kg
CMR naturally present : *Toluene < 0.01% (repro 2), methyl eugenol (Car 2/ Mut 2) <= 0.3%, methyl chavicol (Car 2/Mut 2) < 0.5%
Residual solvent(s) : not applicable
Cosmetics Allergens (76/768/EEC) : Certificate on request
IFRA restrictions : *Hyssop essential oil is not explicitly regulated by IFRA. Limited components listing available on technical data sheet
Flavouring legislation : Flavouring preparation (1334/2008/EEC Regulation)

12. ECOLOGICAL INFORMATION

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

13. ELIMINATION CONSIDERATIONS

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

14. TRANSPORT REGULATION

Customs code : 33012941
Transport : UN 1169 Extracts, aromatic, liquid, 3, III

15. REGULATORY INFORMATION

Regulations specific for the substance or mixture:

not available data

Chemical safety assessment:

not available data

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 : 7/03/2012 *IFRA, Flavouring Legislation