ALBERT VIEILLE Essentials. It's in our nature!

SAFETY DATA SHEET

THYME ESSENTIAL OIL 100% pure and natural FRANCE

Edition: 24/05/2019

Version: 21/09/2018

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

: THYME ESSENTIAL OIL 100% pure and natural FRANCE Commercial name

Thymus vulgaris L.

EINECS number : 284-535-7

: Aromatic raw material for professional use

N° Reach

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 ¹ N° ORFILA +33 (0)1 45 42 59 59

2. HAZARDS IDENTIFICATION

CLP/GHS : FL 3, ATO 4(1800), AH 1, SCI 1, SS 1, EDI 1, EH A2,C2

> SGH02, SGH05, SGH08, SGH09, SGH07, H226(Flammable liquid and vapour), H302(Harmful if swallowed), H304(May be fatal if swallowed and enters airways), H314(Causes severe skin burns and eye damage), H318(Causes serious eye damage), H317(May cause an allergic skin reaction), H411(Toxic to aquatic life with long lasting effects), P280(Wear protective gloves/protective clothing/eye protection/face protection), P301/310(IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician), P260(Do not breathe dust/fume/gas/mist/vapours/spray), P302/352(IF ON SKIN: Wash with soap and water), P273(Avoid release to the environment), P262(Do not get in eyes, on skin, or on clothing)

> > Danger











3. COMPOSITION

Thymol N°CAS: 89-83-8 N°CE: 201-944-8 <= 58.0%

C.N R22-34-51/53

SGH07, SGH05, SGH09 H302, 314, 401, 411, 318 ATO 4(980), SCI 1B, EH A2, C2, EDI 1

Linalool N°CAS: 78-70-6 N°CE: 201-134-4 <= 5.0%*

R38

SGH07 H22, H303, H315, H319, H402 ATO 5 (2790), SCI 2, EH A3, EDI 2A, FL 4

N°CAS: 80-56-8 alpha-Pinene N°CE: 201-291-9 <= 3.0%

R(10)-38-43-65

H226-303-304-315-317 FL 3, ATO 5(3700), SCI 2, SS 1B, AH 1 SGH02, SGH07, SGH08

N°CAS: 127-91-3 beta-Pinene N°CE: 204-872-5 <= 1.0%

R(10)-38-43-65 Χn

SGH02, SGH07, SGH08 H226-304-315-317 FL 3, SCI 2, SS 1B, AH 1

Carvacrol N°CAS: 499-75-2 N°CE: 207-889-6 <= 5.5%

Xn. Xi R22-38-43

SGH07 H302, 315,319, 317 ATO 4(810); SCI 2; EDI 2A; SS 1

N°CAS: 138-86-3 N°CE: 205-341-0 Limonene <= 1.0%

Xi,N R10-38-43-50/53

SGH07, SGH08, SGH09, H304, H315, H317, H410, H226 AH 1, SCI 2, SS 1B, EH A1, C1, FL 3

SGH02

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p-Cymene N°CAS: 99-87-6 N°CE: 202-796-7 <= 29.0%

Xn,N R(10)-51/53-65

SGH08, SGH09 H226, 304, 303, 316, 411 ATO 5(4750); AH 1, SCI 3; EH A2,C2; FL 3

Geraniol N°CAS: 106-24-1 N°CE: 203-377-1 <= 0.5%

Xi R38-41-43

SGH05, SGH07 H303-315-317-318-401 ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2

4. FIRST-AID MEASURES

Inhalation : Remove affected person to fresh air. In case of beathing 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 contamined 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 glassesHand protection: Use protective glovesSkin protection: Use protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid at room temperature
Colour : Colourless to amber yellow
Odour : Herbaceous, rustic, aromatic

Flash point in $^{\circ}$ C (closed cup) : $+60^{\circ}$

Specific gravity at 20°C : 0.910 to 0.937Refractive index at 20°C : 1.494 to 1.504Optical rotation at 20°C : -6° to $+1^{\circ}$

Solubility: Soluble in max 3 parts of 80% (V/V) ethanol

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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 = 4700 mg/kg

Effect by skin contact ¤ : LD50 for the rabbit > 5000 mg/kg

CMR naturally present : Toluene <0.01% (REP 2), methyl eugenol <0.05% (CAR 2/MUT 2), methyl chavicol <0.2% (CAR 2/MUT 2)

2)

Residual solvent(s) : not applicable

Cosmetics Allergens (1223/2009/EEC) : Certificate on request

IFRA restrictions : Not explicitly regulated by IFRA. Limited components listing available on the technical data sheet.

Flavouring legislation : Flavouring preparation (1334/2008/EC Regulation)

12. ECOLOGICAL INFORMATIONS

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 2924 Flammable liquid, corrosive, n.o.s. (para cymene, thymol), 3+8, III

15. REGULATORY INFORMATIONS

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 : *21/09/2018 Transport