

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Commercial name : LEMONGRASS ESSENTIAL OIL 100% pure and natural GUATEMALA
Cymbopogon flexuosus (Ness ex Steudel) J.F. Watson

EINECS number : 295-161-9

Use : Aromatic raw material for professional use

Supplier : ALBERT VIEILLE SAS - 629, Route de Grasse - BP 217 - 06227 VALLAURIS / FRANCE
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Emergency telephone : N° ORFILA +33 (0)1 45 42 59 59

2. HAZARDS IDENTIFICATION

EC Dir. : Irritating and dangerous for the environment

Xi(Irritating), N(Dangerous for the environment),R36/38(Irritating to eyes and skin), R43(May cause sensitisation by skin contact), R51/53(Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment), S24(Avoid contact with skin.), S26(In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.), S37(Wear suitable gloves.), S61(Avoid release to the environment. Refer to special instructions / safety data sheets.)

CLP/GHS : FL 4, ATD 5(2800), SCI 2, SS 1, EDI 1, EH A2,C2

SGH05, SGH07, SGH09, H227(Combustible liquid), H315(Causes skin irritation), H317(May cause an allergic skin reaction), H318(Causes serious eye damage), 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), P262(Do not get in eyes, on skin, or on clothing), H313(May be harmful in contact with skin), P312(Call a POISON CENTER or doctor/physician if you feel unwell)

Danger



3. COMPOSITION

Geraniol	N°CAS : 106-24-1	N°CE : 203-377-1	<= 7.0%
Xi	R38-41-43		
SGH05, SGH07	H303-315-317-318-401	ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2	
Limonene	N°CAS : 138-86-3	N°CE : 205-341-0	<= 6.0%
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	
Methylheptenone (isomer unspecified)	N°CAS : 409-02-9	N°CE : 206-990-2	<= 2.0%
Xi	R38-43		
GHS02	H303,H226,H402	ATO 5(4100),EH A3,FL 3	
Citral	N°CAS : 5392-40-5	N°CE : 226-394-6	<= 82.0%*
Xi	R38-43		
SGH07	H313,H319,H315,H317,H401	ATD 5(2250),EDI 2A,EH A2,SCI 2,SS 1B	

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, noncombustible, 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	: Mobil liquid, limpid at room temperature
Colour	: Pale yellow to orange yellow
Odour	: Citral-like, fresh
Flash point in °C (closed cup)	: +71°
Specific gravity at 20°C	: 0.872 to 0.900
Refractive index at 20°C	: 1.482 to 1.489
Optical rotation at 20°C	: -10° to 0°
Solubility	: 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 ☞	: LD 50 for the rat > 5000 mg/Kg
Effect by skin contact ☞	: LD 50 for the rabbit > 2000 mg/Kg
CMR naturally present	: not detected
Residual solvent(s)	: not applicable
Cosmetics Allergens (76/768/EEC)	: Certificate on request
IFRA restrictions	: * 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 3082 Environmentally hazardous substance, liquid, n.o.s., 9, 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 : *Composition, IFRA, flavouring legislation