

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Commercial name : GERANIUM ESSENTIAL OIL 100% pure and natural (Ref:EG)
Pelargonium X spp

EINECS number : 290-140-0

Use : Aromatic raw material for professional use

Supplier : ALBERT VIEILLE SAS - 629, Route de Grasse - BP 217 - 06227 VALLAURIS / FRANCE
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2. HAZARDS IDENTIFICATION

EC Dir. : Harmful and dangerous for the environment

Xn(Harmful), N(Dangerous for the environment),R38(Irritating to skin), R41(Risk of serious damage to eyes), 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.), S26(In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.), S37(Wear suitable gloves.), S39(S39 Wear eye / face protection.), 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 4, ATO 5, ATD 5, SS 1, SCI 2, EDI 1, AH 1, EH A2, C3

SGH05, SGH07, SGH08, H304(May be fatal if swallowed and enters airways), H315(Causes skin irritation), H317(May cause an allergic skin reaction), H318(Causes serious eye damage), H412(Harmful to aquatic life with long lasting effects), H227(Combustible liquid), H303(May be harmful if swallowed), H313(May be harmful in contact with skin), H401(Toxic to aquatic life), P262(Do not get in eyes, on skin, or on clothing), P305/351/338(IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing), 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), P101(If medical advice is needed, have product container or label at hand)

Danger



3. COMPOSITION

Citronellol	N°CAS : 106-22-9	N°CE : 203-375-0	<38.5%
Xi,N	R38-43-51/53		
SGH07	H303-313-315-317-319-401	ATO 5(3450);ATD 5(2650); SCI 2; SS 1; EH A2; EDI 2A	
Geraniol	N°CAS : 106-24-1	N°CE : 203-377-1	<19%
Xi	R38-41-43		
SGH05, SGH07	H303-315-317-318-401	ATO 5(4200); SCI 2; EDI 1; SS 1; EH A2	
Linalool	N°CAS : 78-70-6	N°CE : 201-134-4	<8%
Xi	R38		
SGH07	H227-303-315-319-402	ATO 5 (2780), SCI 2, EH A3, EDI 2A, FL 4	
Menthone	N°CAS : 10458-14-7	N°CE : 233-944-9	<2%
Xi	R10-52/53		
SGH07	H313-316-402-412	ATD 5(2500); SCI 3; EH A3,C3; FL 4	
alpha-Pinene	N°CAS : 80-56-8	N°CE : 201-291-9	<0.8%
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 <0.2%
Xn R(10)-38-43-65
SGH02, SGH07, SGH08 H226-304-315-317 FL 3, SCI 2, SS 1B, AH 1

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 avoided 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 : 24 months from despatching date on, under normal storage conditions

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protection : Avoid to breathe 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 : Liquid at room temperature
Colour : Ambered yellow to yellow greenish
Odour : Rose, minted
Flash point in °C (closed cup) : +86°
Specific gravity at 20°C : 0.885 to 0.905
Refractive index at 20°C : 1.461 to 1.475
Optical rotation at 20°C : -15° to -8°
Solubility : Soluble in 3 parts max of 70% ethyl alcohol (V/V)

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 >5000 mg/kg
Effect by skin contact ☞	: LD50 for the rabbit = 2500 mg/kg
CMR naturally present	: Toluene <0.01% (REPRO 2)
Residual solvent(s)	: not applicable
Cosmetics Allergens (76/768/EEC)	: Certificate on request
IFRA restrictions	: Geranium Egypt 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 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	: Not regulated

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.

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