



A. FAKHRY & CO.
CRAFTERS OF AROMATIC RAW MATERIALS FROM EGYPT, SINCE 1955

FF-13-30
H.E. Geranium Egypte
Version: 30-Aug-21

SAFETY DATA SHEET

In conformity with regulation (EC) No.: 1272/2008 (also called CLP)
REACH registration number: 01-2120769423-50-0014
Number of pages of the SDS: 5 pages
Person to contact: Mr. Hussein A. FAKHRY / Tel: +20 (0)2 2795-0685

1. PRODUCT IDENTIFICATION

Commercial name: **H.E. GERANIUM EGYPT**
Scientific name of the botanical source: ***Pelargonium X asperum* syn. *Pelargonium graveolens***
INCI name: **PELARGONIUM GRAVEOLENS FLOWER OIL**
CAS: 8000-46-2
CN code: 3301.29.41
EC: 290-141-6
FDA: 182.20
EINECS: 90082-52-3
CoE: 324n
FEMA: 2508
IFRA conformity: yes
WGK: 2

Manufacturer: ■

Importer: □

Seller: ■

REACH registered uses :

Formulation :
Formulation of fragranced end-products
Distribution

Uses at industrial sites :
Industrial end-use of washing and cleaning products

Widespread uses by professional workers:
Professional end-use of washing and cleaning products

Consumer uses :
Consumer end-use of washing and cleaning products

2. HAZARD IDENTIFICATION

Phrase : Danger!

Flam. Liq. 4;H227|Acute Tox. 5 (Oral);H303|Skin Irrit. 2;H315|Eye Dam. 1;H318|Skin Sens. 1;H317|Aquatic Acute 2;H401|Aquatic Chronic 2;H411

UN-GHS Classification:

FL4: Flammable Liquids 4.
SCI2: Skin corrosion / irritation 2.
SS1: Sensitization skin 1.
EDI1: Serious eye damage / eye irritation 1.
EHA2: Hazardous to the aquatic environment, acute hazard 2.
EHC2: Hazardous to the aquatic environment, long-term hazard 2.

UN-GHS Hazards:

Physico-chemical Hazards:

H227: Combustible liquid.

Health Hazards:

H303: May be harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.

Environmental Hazards:

H401: Toxic to aquatic life.
H411: Toxic to aquatic life with long-lasting effects.



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Precaution Statements:

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305/351/338: If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P310: Immediately call a POISON CENTER or doctor/physician.

EU-Hazard Statements:

Physico-chemical Hazards:

None.

Health Hazards:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

Environmental Hazards:

H401: Toxic to aquatic life.

H411: Toxic to aquatic life with long-lasting effects.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

NCS (UVCB) Constituents Information

Material	CAS	EINECS	Hazards Symbol	Percent %
α -Phellandrene	99-83-2	202-792-5	H400, H410	0.03 – 0,1
α -Pinene (Natural)	80-56-8	201-291-9	H302, H315, H317, H400, H410	0.0 – 0.7
α -Terpineol	98-55-5	202-680-6	H303, H315, H319, H401	0.2 – 0,45
β -Caryophyllene	87-44-5	201-746-1	H317, H413	0.5 – 1.3
β -Pinene (Natural)	127-91-3	204-872-5	H315, H317, H400, H410	0.0 – 1.0
cis-3-Hexenol	928-96-1	213-192-8	H319	0.0005 – 0.1
cis- β -Ocimene	3338-55-4	222-081-3	H303, H315, H400, H411	0.02 – 0.2
cis-Rose oxide	876-17-5	n/a	H303, H315, H319, H361, H402	0.5 – 1.5
Citronellyl acetate	150-84-5	205-775-0	H315, H401, H411	0.2 – 1.0
Citronellyl butyrate	141-16-2	205-463-4	H317, H400, H410	0.2 – 1.0
Citronellyl formate	105-85-1	n/a	H315, H317, H401	3.0 – 9.0
Citronellyl tiglate	24717-85-9	246-426-2	H317, H400, H410	0.2 – 1.2
d,l-Isomenthone	491-07-6	207-727-4	H303, H315, H317, H402	4.0 – 8.0
Geranial (Cital) (Natural)	141-27-5	226-394-6	H313, H315, H319, H317, H401	0.1 – 0.6
Geraniol (Natural)	106-24-1	203-377-1	H315, H318, H402, H303, H317	10.0 -18.0
Geranyl acetate (Natural)	105-87-3	203-341-5	H317, H315, H412, H401	0.2 – 0.8

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Geranyl butyrate	106-29-6	203-381-3	H410, H400, H313	0.6 – 1.8
Geranyl formate	105-86-2	203-339-4	H317, H400, H411	2.0 – 7.0
Geranyl isobutyrate	2345-26-8	219-062-7	H410, H400	0.2 – 1.8
Geranyl propionate	105-90-8	203-344-1	H411, H401	0.5 – 2.0
Geranyl tiglate	7785-33-3	232-078-9	H316	0.5 – 1.5
Citronellol (Natural)	7540-51-4 / 106-22-9	203-375-0	H317, H315, H319, H401, H303, H313	25.0 – 36.0
Linalool (Natural)	78-70-6	201-134-4	H303, H315, H319, H317, H402	4.0 – 8.5
Limonene (Natural)	5989-54-8	227-813-5	H315, H317, H400, H412	0.0 – 0.5
Menthone (Natural)	10458-14-7	233-944-9	H317, H315, H412, H402, H302	0.0 – 2.1
Myrcene	123-35-3		H315, H319, H400, H411	0.001 – 0.5
Neral (Citral) (Natural)	106-26-3	226-394-6	H313, H315, H319, H317, H401	0.01 – 0.3
p-Cymene	99-87-6	202-796-7	H316, H361, H411, H401, H303	0.0 – 0.1
Phenethyl butyrate	103-52-6	203-119-8	H401, H303	0.0 – 0.1
Terpinolene	586-62-9	209-578-0	H317, H316, H410, H400, H303	0.02 – 0.1
trans β -Ocimene	3779-61-1	n/a	H303, H315, H400, H411	0.07 – 0.3
trans-Rose oxide	876-18-6	221-217-9	H303, H315, H319, H361, H402	0.2 – 0.8

4. FIRST AID MEASURES

In case of skin contact: Wash with large quantity of water and soap. Remove contaminated clothing. If an irritation persists or a skin lesion is visible, seek medical advice.

In case of contact with the eyes: Irrigate copiously with water during at least 10 (ten) minutes. If an irritation persists or a lesion is visible, obtain medical advice.

In case of ingestion: Rinse mouth with water and obtain medical advice immediately.

In case of excessive inhalation: Remove the individual to fresh air and consult immediately a doctor

5. FIRE FIGHTING MEASURES

Extinguishing media: Recommended – carbon dioxide or dry powder fire extinguisher.

Usable – foam or halogenous fire extinguisher.

Particular measures for fire fighting: High temperature may increase the pressure inside the closed container: cool the container by sprinkling water. Avoid breathing emitted vapors.

6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Personal precautions: Wear gloves and overalls

Environmental precautions: Do not allow entry into drains, storm water and soil.

Cleaning-up method: Soak in absorbent material (e.g. sand). Avoid combustible materials. Sweep and throw the powder into security dustbin.

Disposal: Do not land fill. Use a registered waste contractor. Be aware of you local regulations.

7. HANDLING AND STORAGE IN PRODUCTION AREA

Handlings: They must be performed in well-aired working areas, void of any heat sources. It is recommended to use protective glasses and gloves, not to breathe the emitted vapors. It is recommended to use pumps for handling large quantity.

Storage: Use original packaging. Avoid already used packaging. It is recommended to keep the product in a water-tight and air-tight container, in a dry, cool ($\leq 15^{\circ}\text{C}$), and aired area.

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8. EXPOSURE CONTROL AND INDIVIDUAL PROTECTION

Individual protection of the respiratory tract is necessary in stuffy or confined working areas. The protection of hands and eyes by wearing gloves and glasses is recommended wear overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor:	Sweet, rosaceous, minty.
Aspect:	Yellow to greenish liquid.
Miscibility in water:	Insoluble.
Miscibility in alcohol:	Soluble
Liposolubility:	Liposoluble
Specific gravity @20°C:	0.885 to 0.905
Refractive index @20°C:	1.461 to 1.475
Optical rotation @20°C:	-14° to -8°
Flashpoint:	91°C
Acid value:	≤10
Ester value:	31 to 81

10. STABILITY AND REACTIVITY

Stable at ambient temperatures. Avoid sources of ignition. Under conditions described in point 7, the product is stable during 24 months (minimum) in original closed packaging.

11. TOXICOLOGICAL INFORMATION

Ingestion effect:	DL oral 50:	<i>not classified</i>
Skin contact effect:	DL dermal 50:	<i>not classified</i>

12. ECOLOGICAL INFORMATION

Cf. 15 (Regulatory Information). Prevent contamination of soil, surface, and ground water.

13. DISPOSAL

No special methods are necessary, but disposal should comply with national and local regulations.

14. TRANSPORT INFORMATION

Classification:			
Road:	9		
Sea:	9		
Air (IATA):	<i>Environmentally hazardous substance, liquid, n.o.s.; Class 9 "Miscellaneous"</i>		
UN #:	3082	UN packing:	III



15. REGULATORY INFORMATION

NCSs (UVCBs) Hazard classifications according to CLP regulation

H-Statements:

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Volatile fraction of *H.E. Geranium Egypt* may contain allergenic compounds (Linalool, Limonene, Citronellol, Geraniol ...) written on the 26 allergenic fragrance compounds list of the European restriction project (SCCNFP/0017/98 final December 1999).

16. OTHER INFORMATION

To be observed: This sheet contains all the data concerning the product known at the date of release. They are given for user guidance and cannot involve the responsibility of **A. FAKHRY & Co.** It is entirely the user's responsibility to secure proper handling, storage, and utilization of the product. The user is advised for consequences stemming from misuse of this product.

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