

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

1.1 Product Identifier	Geranium Oil Egyptian				
Biological Definition	The volatile oil obtained by the steam distillation of the flowering herb Pelargonium graveolens grown in Egypt.				
INCI Name	Pelargonium graveolens flower oil				
Synonyms Trade Names	-				
CAS Number	90082-51-2 8000-46-2	EC Number	290-140-0	EINECS No.	290-140-0

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

No additional data available.

Classification (EC 1272 / 2008)

Physical Hazards: Not classified. Health Hazards: Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Dam. 1 - H318 Environmental Hazards: Aquatic Chronic 3 - H412

GHS05

GHS07

None

None

None



Signal Word

Danger

Contains

Geranoil,

Hazard Statements

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.

Precautionary Statements

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

P305 IF IN EYES:

P351 Rinse cautiously with water for several minutes.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container to...

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P333 If skin irritation or rash occurs:

P313 Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

Take off contaminated clothing and wash it before reuse.

P302 IF ON SKIN:

P352 Wash with plenty of soap and water.

P273 Avoid release to the environment.

Supplementary Precautionary Statements

P264 Wash... thoroughly after handling.

P332 If skin irritation occurs:

P313 Get medical advice/attention.

2.3 Other Hazards

PBT or PvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

0 - 38 % Citronellol	CAS No: 106-22-9	EC No: 203-375-0
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Classification (EC 1272/2008): Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 - H319

0 - 22 % Geranoil	CAS No: 106-24-1	EC No: 203-377-1
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Classification (EC 1272/2008): SCI 2-EDI, 1-SS 1,;H315 - H317H319

0 - 11 % Linalool	CAS No: 78-70-6	EC No: 201-134-4
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Classification (EC 1272/2008): Acute Tox. 5 _ H303, Skin Irrit. 2 H315, Aquatic Acute 3 - H402

4 - 10 % d,l-Isomenthone	CAS No: 491-07-6	EC No: 207-727-4
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Classification (EC 1272/2008): Skin Irrit.2 - H315, Skin Sens. 1 - H317

0 - 4 % Citral

CAS No: 5392-40-5 EC No: 226-394-6

Classification (EC 1272/2008): Skin Irrit. 2 - H315, Skin Sens. 1 - H317

2 - 5 % Citronellyl Formate

CAS No: 105-85-1 EC No: 203-338-9

Classification (EC 1272/2008): Skin Irrit.2 - H315, Skin Sens. 1 - H317

0 - 3 % cis-Rose Oxide

CAS No: 3033-23-6 EC No: 221-317-9

Classification (EC 1272/2008): Skin Irrit.2 - H315, Eye Irrit. 2 - H319, Repr. 2 - H361

0.01 - 2.5 % Menthone

CAS No: 10458-14-7 EC No: 233-944-9

Classification (EC 1272/2008): Skin Irrit.2 - H315, Skin Sens. 1 - H317

0.01 - 2 % p-menth-1-en-8-ol

CAS No: 98-55-5 EC No: 202-680-6

Classification (EC 1272/2008): Aquatic Acute 2 - H401, Eye Irrit. 1 - H319, Skin Irrit 2 - HH315, Acute Tox. 5 - H303, Flam. Liq. 4 - H227

0 - 1 % Beta Caryophyllene

CAS No: 87-44-5 EC No: 201-746-1

Classification (EC 1272/2008): Asp. Toxic 1 - H304

0 - 1 % Limonene

CAS No: 5989-27-5 EC No: 227-813-5

Classification (EC 1272/2008): Flam. Liq. 3 - H226, Skin Irrit. 2 -H315, Skin Sens. 1 - H317, Asp. Tox. 1 -H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

04. FIRST AID MEASURES

4.1 Description of first aid measures

41 Inhalation:	Remove from exposure area to fresh air. Get medical advice/attention.
41 Ingestion:	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
41 Eye:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
41 Skin:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2 Environmental Precautions

No additional data available.

6.3 Methods and material for containment and clearing up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

No additional data available.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area.

7.2 Conditions for safe storage, including and incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No additional data available.

8.2 Exposure controls

Protective Equipment

Goggles



Gloves



Overalls



None

None

Process Conditions:	Provide eyewash station.
Engineering Measures:	Provide adequate ventilation.
Respiratory Equipment:	Avoid inhalation of vapour.
Hand Protection:	Avoid skin contact. Wear protective gloves.
Eye Protection:	Wear protective goggles to prevent eye contact.
Other Protection:	Slip proof shoes may be worn in event of spillages.
Hygiene Measures:	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection:	Avoid inhalation of vapour and contact with skin and eyes.
Skin Protection	Wear overalls or laboratory coat to protect from skin contact.
Environmental Exposure Controls:	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Mobile liquid, light yellow to deep yellow
Colour:	Light yellow to deep yellow.
Flash Point:	>64c CC (Closed cup).
Odour:	Characteristic - rose like with a minty top note.
Relative Density:	Approx. 0.8850 @20°C
Refractive:	Approx. 1.468 @20°C
Melting Point:	No additional data available.
Boiling:	No additional data available.
Vapour:	No additional data available.
Solubility:	Insoluble in water Soluble in: Ethanol.
Auto Ignition:	No additional data available.

9.2 Other Information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal temperature conditions and recommended use.

10.2 Chemical Stability

No additional data available.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Strong acids, strong alkalis, strong oxidising agents, strong reducing agents.

10.6 Hazardous Decomposition Products

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:	No additional data available.
Respiratory or skin sensitisation:	Skin – May cause an allergic skin reaction.
Skin corrosion/irritation:	Causes skin irritation.
Serious Eye damage/irritation:	Causes serious eye damage.
Germ Cell Mutagenicity:	No additional data available.
Carcinogenicity:	No additional data available.
Reproductive toxicity:	No additional data available.
STOT Single exposure:	No additional data available.
STOT Repeated exposure:	No additional data available.
Photo-toxicity:	No additional data available.
Aspiration hazard:	No additional data available.
Other Information:	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

12.2 Persistence Degradability

No additional data available.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Collect and dispose of waste product at an authorised disposal facility according to local authority guidelines. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number

Road: Not regulated for transport.

Sea: Not regulated for transport.

Air: Not regulated for transport.

14.2 UN Proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not regulated for transport.

Not applicable.

Not applicable.

Not applicable.

14.4 Packing group

None.

14.5 Environmental Hazards

Not applicable.

Not applicable.

Not applicable.

Not applicable.

14.6 Special precautions for users

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not defined.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance

Statutory Instruments
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
Guidance Notes
CHIP for everyone HSG(108). Workplace Exposure Limits EH40
EU Legislation
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard or precaution	H302 Harmful if swallowed. 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. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. H410 Very toxic to aquatic life with long lasting effects H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Other Information::	None.
Revision Date:	4/1/2019
Reason:	New SDS
Revision Number:	2

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