



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Geranium Oil Egyptian				
Biological Definition	The volatile oil obtained by the steam distillation of the flowering herb <i>Pelargonium graveolens</i> grown in Egypt.				
INCI Name	Pelargonium graveolens flower oil				
Synonyms & Trade Names	-				
CAS-No	90082-51-2 / 8000-46-2	EC No.	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

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

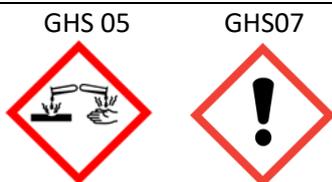
No additional data available.

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

2.2 Label Elements

Label in accordance with (EC) No 1272/2008



Signal Word

Danger.

Contains

Geraniol

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+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 P501 Dispose of contents in accordance with local, state or national legislation.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing. And wash it before reuse.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P273 Avoid release to the environment.

Supplementary Precautionary Statements

P264 Wash hands and exposed skin thoroughly after handling.
 P332+P313 If skin irritation occurs: Get medical advice/attention

2.3 Other Hazards

PBT or vPvB 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

3.1 Substances

25 - 43% Citronellol CAS No: 106-22-9 EC No: 203-375-0

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 - H319

5.0 - 20% Geraniol CAS No: 106-24-1 EC No: 203-377-1

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Dam. 1 - H318

2-11% Linalool CAS No: 78-70-6 EC No: 201-134-4

Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 - H319

4 - 10% d,l-Isomenthone CAS No: 491-07-6 EC No: 207-727-4

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

<5% Citral CAS No: 5392-40-5 EC No: 226-394-6

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

1.0 - <3.0% 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- 2.0% p-menth-1-en-8-ol CAS No: 98-55-5 EC No: 202-680-6

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

<1.0% 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

Inhalation	Remove from exposure area to fresh air. Get medical advice/attention.
Ingestion	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention if symptoms persist.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
Eye Contact	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.

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

Extinguishing media
Water. Use as appropriate: Carbon dioxide (CO₂), dry chemical or foam.

5.2 Special hazards arising from the product

Unusual Fire & Explosion Hazards
Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide.
Specific hazards
When heated and in case of fire, harmful vapours/gases may be formed..

5.3 Advice for firefighters

Special Fire Fighting Procedures
Use supplied air respirator if product is involved in a fire.
Protective equipment for fire-fighters
Wear suitable respiratory equipment when necessary. Wear full 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 cleaning 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 any 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	
	
Process Conditions	No special measures required.
Engineering Measures	Provide adequate general and local exhaust ventilation.
Respiratory Equipment	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
Other Protection	Provide eyewash station and safety shower.
Hygiene Measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. Good personal hygiene practices are always advisable, especially when working with chemicals.
Personal Protection	No additional data available.
Skin Protection	Wear protective clothing to reduce the risk of skin contact.
Environmental Exposure Controls	No additional data available.

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.
Odour	Characteristic - rose like with a minty top note.
Relative Density	Approx. 0.8850 @20°C
Flash Point (°C)	>64c CC (Closed cup).
Refractive Index	Approx. 1.468 @20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water Soluble in: Ethanol.
Auto-ignition temperature (°C)	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
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	No additional data available.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Skin – May cause an allergic skin reaction.
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.
Aspiration hazard	No additional data available.
Photo-toxicity	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	
UN No. Road	Not regulated for transport.
UN No. SEA	Not regulated for transport.
UN No. AIR	Not regulated for transport.
14.2 UN proper shipping name	
Not regulated for transport.	
14.3 Transport hazard class(es)	
Not regulated for transport.	
14.4 Packing group	
None.	
14.5 Environmental hazards	
Not applicable.	
14.6 Special precautions for user	
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 or mixture
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Approved Code of Practise</u> Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.</p> <p><u>Guidance Notes</u> CHIP for everyone HSG(108). Workplace Exposure Limits EH40</p> <p><u>EU Legislation</u> 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.</p>
15.2 Chemical safety assessment
No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary	H302 Harmful if swallowed.
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Statements in Full	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	August 17, 2017
Reason for revision	Updated SDS
Rev No/Repl, SDS Generated	02, replaces 01

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