


SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Rose 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					
Suitable for use in cosmetics, fragrances, flavourings and professional applications only.					
1.3 Details of the supplier of the safety data sheet					
Supplies for Candles, Swinton Bridge Industrial Estate, Whitelee Road, Swinton, S64 8BH . Email – customerservice@suppliesforcandles.co.uk					
1.4 Emergency Tel. No.		+ 44 (0) 1709 588579			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The full text for all hazard statements is displayed in Section 16.	
Classification (EC 1272/2008)	
Physical hazards:	Not classified.
Health hazards:	Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 – H319
Environmental hazards:	Not classified.
*See section 16 for other information on product classification.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS07	
	
Signal Word	Warning
Contains	Citronellol
Hazard Statements	
H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.	

Precautionary Statements	
P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention P501 Dispose of contents in accordance with local, state or national legislation P501 Dispose of contents in accordance with local, state or national legislation.	
Supplementary Precautionary Statements	
P264 Wash hands and exposed skin thoroughly after handling. P362+P364 Take off contaminated clothing and wash it before reuse.	
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	
≤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	
≤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	
≤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	
1 – 10% Citronellyl Formate CAS No: 105-85-1 EC No: 203-338-9 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317	
1 – 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	
1 – 10% Geranyl Formate CAS No: 105-86-2 EC No: 203-339-4 Classification (EC 1272/2008) Skin Sens. 1B - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
1 - 10% Menthone CAS No: 10458-14-7 EC No: 233-944-9 Classification (EC 1272/2008) Skin Irrit. 2 – H315, Skin Sens. 1 - H317	

<p>1 – 5% beta-Caryophyllene CAS No: 87-44-5 EC No: 201-746-1</p> <p>Classification (EC 1272/2008) Asp. Tox. 1 - H304, Skin Sens. 1B - H317, Aquatic Chronic 4 –H413</p>
<p><5% Citral CAS No: 5392-40-5 EC No: 226-394-6</p> <p>Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye Irrit. 2 - H319</p>
<p><2.5% cis-Rose Oxide CAS No: 16409-43-1 EC No: 240-457-5</p> <p>Classification (EC 1272/2008) Skin Irrit. 2- H315, Eye Irrit. 2 – H319, Repr. 2 – H361</p>
<p><1.0% alpha-Pinene CAS No: 80-56-8 EC No: 201-291-9</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>
<p><1.0% d-Limonene CAS No: 5989-27-5 EC No : 227-813-5</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>
<p><1.0% Myrcene CAS No: 123-35-3 EC No: 204-622-5</p> <p>Classification (EC 1272/2008) Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>

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	
Treat symptomatically.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguish with the following media: carbon dioxide, dry chemical, foam. Unsuitable extinguishing media: do not use water jet as an extinguisher, as this may scatter and spread fire.	
5.2 Special hazards arising from the product	

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
Thermal decomposition or combustion products may include the following substances:
Carbon dioxide (CO₂), Carbon monoxide (CO), other toxic gases.
Containers close to fire should be removed or cooled with water.

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

Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Keep away from surface and ground water.

6.3 Methods and material for containment and cleaning up.

Absorb with liquid binding material e.g. sand, diatomaceous earth or vermiculite.
Collect in closed and suitable containers for disposal in accordance with local, state or national legislation.
Prevent any material from entering drains or waterways. Wash spill site after removal with a detergent.

6.4 Reference to other sections

See sections 4, 7, 8 & 13.

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. 0.885 @20°C
Flash Point (°C)	91
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	
Stable under the recommended handling and storage conditions in section 7.	
10.3 Possible hazardous reactions	
Not expected under normal conditions of use.	
10.4 Conditions to Avoid	
Avoid heat, flames and other sources of ignition.	
10.5 Incompatible materials	

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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	Not classified.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Based on REACH registration data product is considered to be an eye irritant - Causes serious eye irritation.
Respiratory or skin sensitisation	Skin – May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Not classified.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on REACH registration data product is not classed as an aquatic hazard.

12.2 Persistence & degradability

Readily biodegradable.

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 applicable - The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID).
14.3 Transport hazard class(es)	
	Not applicable.
14.4 Packing group	
	Not applicable.
14.5 Environmental hazards	
	Not an environmentally hazardous substance/marine pollutant.
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 applicable.

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 Statements in Full	<p>H226 Flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H361 Suspected of damaging fertility or the unborn child.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
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	H412 Harmful to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.
Other Information	*The CLP additivity calculation includes: H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. However, product has been classified according to REACH registration data: Eye Irrit. 2 – H319 and not Eye Dam. 1 - H318 Not classified as Aquatic Chronic 2 – H411
Revision Date	25/03/2020
Reason for revision	03 Updated SDS 02 New format SDS 01 new document
Rev No/Repl, SDS Generated	02, replaces 01

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