



## Material Safety Data Sheet

EU Regulation 1907/2006

### SECTION 1: Identification of the substance/mixture and the company/undertaking

#### 1.1

##### Product Identification

<b>Product Name</b>	GERANIUM EGYPTIAN, ESSENTIAL OIL				
<b>Biological Definition</b>	THE VOLATILE OIL OBTAINED BY THE STEAM DISTILLATION OF THE FLOWERING HERB PELARGONIUM GRAVEOLENS.				
<b>INCI Name</b>	PELARGONIUM GRAVEOLENS FLOWER OIL				
<b>Synonyms &amp; Trade Names</b>	-				
<b>Internal Product Code</b>	MI0176				
<b>CAS-No</b>	90082-51-2 / 8000-46-2	<b>EC No.</b>	290-140-0	<b>EINECS No.</b>	290-140-0

#### 1.2

##### Details of the supplier of the safety data sheet

<b>Company Address</b>	The Old Post Office, Prince Street, Blaenavon. NP4 9XA				
<b>Email</b>	jo@natures-essence.co.uk				

#### 1.3

##### Details of the supplier of the safety data sheet

<b>Emergency Contacts</b>	07718265502				
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### SECTION 2: HAZARD IDENTIFICATION

#### 2.1

##### Classification of the substance or mixture

<b>Classification (67/548/EEC)</b>	No additional data available
<b>Classification (EU1272/2008)</b>	Physical and Chemical Hazards Not classified. Human health Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Skin Sens. 1 - H317; Asp. Tox. 1 - H304 Environment Not classified.

#### 2.2

##### Label Elements

<b>GHS Label</b>	  		
	GHS07	GHS05	GHS08
<b>Signal Word</b>	Danger.		

<b>Contains</b>	Citronellol, GERANIOL, Menthones, pinenes
<b>Hazards Statement</b>	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.
<b>Precautionary Statements</b>	P280 Wear protective gloves/protective clothing/eye protection/face protection. P273 Avoid release to the environment. P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302+352 IF ON SKIN: Wash with plenty of soap and water. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Supplementary Precautionary Statements</b>	P272 Contaminated work clothing should not be allowed out of the workplace. P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P321 Specific treatment (see medical advice on this label). P310 Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P332+313 If skin irritation occurs: Get medical advice/attention. P333+313 If skin irritation or rash occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P405 Store locked up. P501 Dispose of contents/container to ...
<i>Section 16 (Other Information): Risk &amp; Safety phrases in full</i>	
<b>2.3</b>	
<b>Other Hazards</b>	
<b>Adverse physio-chemical properties</b>	No data.
<b>Adverse effects on human health</b>	No data.
<b>PBT or vPvB according to Annex XIII</b>	No data.

## SECTION 3: Composition of Ingredients

<b>3.1</b>	
<b>Substances</b>	<p>30-60% Citronellol CAS-No.: 106-22-9 EC No.: 203-375-0 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304</p> <p>10-30% Geraniol CAS-No.: 106-24-1 EC No.: 203-377-1 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1 - H317</p> <p>5-10% Menthones CAS-No.: 10458-14-7 EC No.: 233-944-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Acute Tox. 4 - H302, Eye Irrit. 2 - H319, Skin Sens. 1 - H317, Aquatic Chronic 3 - H412</p> <p>5-10% Linalool CAS-No.: 78-70-6 EC No.: 201-134-4 Classification (EC 1272/2008) Skin Irrit. 2 - H315</p> <p>&lt;1% Citral CAS-No.: 5392-40-5 EC No.: 226-394-6 Classification (EC 1272/2008) Skin Irrit. 2 - H315, Skin Sens. 1 - H317</p> <p>1-5% Pinenes CAS-No.: 80-56-8 EC No.: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304</p> <p>&lt;1% Limonene CAS-No.: 5989-27-5 EC No.: 227-813-5</p>

	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
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## SECTION 4: First Aid Measures

### 4.1

#### Description of First Aid Measures

<b>General Information</b>	Always remove contaminated clothing immediately.
<b>Inhalation</b>	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
<b>Ingestion</b>	Get medical attention immediately. Immediately call the doctor. Rinse mouth with water and obtain medical attention.
<b>Skin Contact</b>	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists
<b>Eye Contact</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>4.2 Most important symptoms &amp; effects (Acute &amp; Delayed)</b>	Symptoms Contact: may cause an allergic reaction
<b>4.3 Indication of any immediate medical attention or special treatment required</b>	Treat symptomatically

## SECTION 5: Fire Fighting Measures

<b>5.1 Extinguishing material</b>	Foam, Co2, Dry chemical powder
<b>5.2 Special hazards arising from the substance or mixture</b>	Burning produces irritating toxic and obnoxious fumes.
<b>5.3 Advice for fire-fighters</b>	Special protective equipment for fire fighters: Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing

## SECTION 6: Accidental Release Measures

<b>6.1 Personal precautions</b>	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid Inhalation
<b>6.2 Environmental precautions</b>	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local Authority guidelines.
<b>6.3 Methods &amp; material for containment and cleaning</b>	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations. Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash).
<b>6.4 References to other sections</b>	Refer & consider section 12

## SECTION 7: Handling & Storage

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Storage class: Flammable liquid storage. Store only in the original receptacle. Keep container tightly sealed. Keep in cool, dry, ventilated storage and closed containers. Keep away from heat.
<b>7.3 Specific end use(s)</b>	The information required is contained in this material safety data.

## SECTION 8: Exposure Controls & Personal Protection

<b>8.1 Control Parameters</b>	Linalool (CAS: 78-70-6) Ingredient Comments No exposure limits noted for ingredient(s)..
<b>8.2 Exposure Controls</b>	
<b>Eye Protection</b>	Wear protective gloves/eye protection/face protection. Avoid contact with eyes. Wear approved safety goggles. (EN166)
<b>Hand Protection</b>	Avoid contact with skin. Wash hands before breaks and at end of work. Wear Protective gloves. DIN/EN 374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Respiratory Equipment</b>	Do not inhale gases / fumes / aerosols. Certified respiratory protective device recommended.
<b>Hygiene Measures</b>	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
<b>Engineering Measures</b>	None.
<b>Skin Protection</b>	Wear protective clothing to reduce the risk of skin and eye contact.
<b>Personal Protection</b>	Avoid inhalation of the product. Avoid contact with skin and eyes. Avoid contact with skin and eyes. Use personal protection according to Directive 89/686/EEC.
<b>Other Protection</b>	Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.
<b>Process Conditions</b>	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower and eye bath.
<b>Environmental Exposure Controls</b>	Avoid discharging into drainage water.

## SECTION 9: Physical & Chemical Properties

### 9.1

#### Physical & Chemical Properties

<b>Appearance</b>	LIQUID
<b>Colour</b>	YELLOW BROWN – YELLOW GREEN
<b>Odour</b>	CHARACTERISTIC
<b>Relative Density</b>	0.884 – 0.901 @20 °C
<b>Flash Point (°C)</b>	64 °C
<b>Refractive Index @ 20 °C</b>	1.463 – 1.473
<b>Solubility in Water @ 20°C</b>	INSOLUBLE IN WATER, SOLUBLE IN ETHANOL
<b>9.2 Other Information</b>	NO DATA.

## SECTION 10: Stability & Reactivity

<b>10.1 Reactivity</b>	Not Applicable.
<b>10.2 Chemical stability</b>	Stable under suggested storage conditions (<15°C). Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	None under normal processing.
<b>10.4 Conditions to avoid</b>	Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.
<b>10.5 Incompatible materials</b>	Avoid oxidising agents, concentrated Acids and Alkalis
<b>10.6 Hazardous decomposition products</b>	This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide.

## SECTION 11: Toxicological Information

### 11.1

#### Toxicological effects

<b>Acute Toxicity</b>	There is no data available on this product. It must be considered and handled and should be dealt with the highest possible caution.
<b>Skin irritation</b>	May be harmful if absorbed through the skin.
<b>Eye damage or irritation</b>	May cause eye irritation.
<b>Respiratory or skin sensitivity</b>	No Data.
<b>Germ cell mutagenicity</b>	No Data.
<b>Carcinogenicity</b>	No Data.
<b>Reproductive toxicity</b>	No Data.
<b>STOT – single exposure</b>	No Data.
<b>STOT – repeated exposure</b>	No Data.
<b>Aspiration hazard</b>	May be harmful if inhaled.
<b>Other information</b>	No Data.

## SECTION 12: Ecological Information

<b>12.1 Toxicity</b>	No data on possible environmental effects have been found.
<b>12.2 Persistence &amp; degradability</b>	No data.

<b>12.3</b> <b>Bio-accumulative potential</b>	No Data
<b>12.4</b> <b>Mobility in soil</b>	No Data
<b>12.5</b> <b>Results of PBT &amp; VPVB assessment</b>	No Data
<b>12.6</b> <b>Other adverse effects</b>	No Data

## SECTION 13: Disposal Information

<b>13.1</b> <b>Waste treatment methods</b>	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.
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## SECTION 14: Transport Information

<b>14.1</b> <b>Transport Information</b>	
<b>UN Number</b>	NA
<b>UN Shipping Name</b>	Not subject to ADR regulations.
<b>Transport hazard class(es)</b>	Not subject to ADR regulations.
<b>Packing group</b>	None.
<b>Environmental Hazards</b>	No data
<b>Special precautions for user</b>	See sections 6-8
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	None.

## SECTION 15: Regulatory Information

<b>15.1</b> <b>Product specific safety, health &amp; environmental regulations &amp; legislation</b>	
<b>EU Directives</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 <sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
<b>Statutory Instruments</b>	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
<b>Approved Code of Practice</b>	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
<b>Guidance Notes</b>	Workplace exposure limits EH40. CHIP for everyone HSG 108.
<b>15.2</b> <b>Chemical Safety Assessment</b>	Assessment has not been carried out as this is a nonhazardous material according to article 31 of REACH 1907/2006.

## SECTION 16: Other Information

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records with Nature's Essence regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.

<b>Hazard and/ or precautionary statements in full.</b>		H318 Causes serious eye damage. H319 Causes serious eye irritation. H315 Causes skin irritation. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H412 Harmful to aquatic life with long lasting effects. H402 Harmful to aquatic life. H304 May be fatal if swallowed and enters airways. H303 May be harmful if swallowed. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life.
<b>Training Instructions: Refer to possible hazard before use of this product.</b>		
<b>Abbreviations &amp; Acronyms:</b>		
	<b>MSDS</b>	Material Safety Data Sheet.
	<b>INCI</b>	International Nomenclature of Cosmetic Ingredients.
	<b>CAS</b>	Chemical Abstract Service.
	<b>IMDG</b>	International Maritime code for Dangerous Goods.
	<b>ADR</b>	Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
	<b>RID</b>	International Carriage of Dangerous Goods by Rail.
	<b>ICAO</b>	International Civil Aviation Organization.
	<b>AND</b>	International Carriage of Dangerous Goods by Inland Waterways.
	<b>GHS</b>	Globally Harmonized System of classification & labelling of chemicals.
	<b>Trem Card</b>	Transport Emergency Card.
	<b>STOT</b>	Specific Target Organ Toxicity.