

# Safety Data Sheet

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## **CATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING**

### **1.1 Product Identifier**

Product Name	Rose Geranium Oil Organic				
Biological Definition	The volatile oil steam distilled from the flowering herb pelargonium <i>graveolens</i> var <i>roseum</i> .				
INCI Name	Pelargonium graveolens flower oil				
Synonyms & Trade Names	Geranium Rosat oil				
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.

## **02. HAZARDS IDENTIFICATION**

### **2.1 Classification of the substance or mixture**

No additional data available.

#### Classification (EC 1272/2008)

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**

Label in accordance with (EC) No 1272/2008

GHS07



GHS08



GHS05



Signal Word

Danger.

Contains

Citronellol, GERANIOL, Menthones, pinenes, citral.

Hazard Statements

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.

#### Precautionary Statements

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.

#### Supplementary Precautionary Statements

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 ...

#### 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

**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

**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

**5-15% 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

**4-8% Linalool** CAS-No.: 78-70-6 EC No.: 201-134-4

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

**1-3% Citral** CAS-No.: 5392-40-5 EC No.: 226-394-6

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

**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

**<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**

Inhalation	May cause irritation In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.
Ingestion	Rinse nose, mouth and throat with water. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.
Skin Contact	May cause irritation to skin. Wash the skin immediately with soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye Contact	May cause irritation to eyes. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. If symptoms persist seek medical attention.

### **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**

No additional data available.

## **05. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing Media**

Extinguishing media  
Water. Use as appropriate: Carbon dioxide (CO<sub>2</sub>), 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, absorbant 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

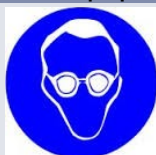
Linalool (CAS: 78-70-6)

Ingredient Comments

No exposure limits noted for ingredient(s)..

### 8.2 Exposure controls

Protective Equipment



Process Conditions

No special measures required.

Engineering

Provide adequate general and local exhaust ventilation.

Measures

Respiratory

Self-contained breathing apparatus.

Equipment

Hand Protection

Chemical resistant gloves (PVC).

Eye Protection

Wear approved safety goggles.

Other Protection

Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.

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 and eye contact.

Environmental

No additional data available.

Exposure Controls

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance

Mobile oily clear liquid, yellow brown to yellow green

Colour

yellow brown to yellow green

Odour	Characteristic.
Relative Density	0.884 - 0.901 @20°C
Flash Point (°C)	>64c CC (Closed cup).
Refractive Index	1.459 - 1.473 @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. Reactivity

1

Stable under normal temperature conditions and recommended use.

### 10. Chemical stability

2

No additional data available.

### 10. Possible hazardous reactions

3

No additional data available.

### 10. Conditions to Avoid

4

Avoid heat, flames and other sources of ignition.

### 10. Incompatible materials

5

Materials To Avoid  
Alkaline solution, Oxidising agents, Acids.

### 10. Hazardous Decomposition Products

6

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. Information on toxicological effects

1

Acute Toxicity	There is no data available on this product. It must be considered and handled and should be dealt with the highest possible caution.
Skin corrosion / irritation	May be harmful if absorbed through the skin.
Serious eye damage / irritation	May cause eye irritation.
Respiratory or skin sensitisation	No additional data available.
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  
Photo-toxicity  
Other Information

May be harmful if inhaled.  
No additional data available.  
No additional data available.

## **12. ECOLOGICAL INFORMATION**

### **12.1**

#### **Toxicity**

No data on possible environmental effects have been found.

### **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  
UN No. SEA  
UN No. AIR

Not regulate for transport.  
Not regulate for transport.  
Not regulate for transport.

### **14.2 UN proper shipping name**

Not subject to ADR regulations.

### **14.3 Transport hazard class(es)**

Not regulate for transport.

### **14.4 Packing group**

None.

### **14.5 Environmental hazards**

No additional data available.

**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**Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practise

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 and/or Precautionary Statements in Full	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.
Other Information	None.
Revision Date	28/01/2016
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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