

## SECTION 1: Identification

### 1.1. Identification

Product form : Substance  
Substance name : Geranium Oil

### 1.2. Recommended use and restrictions on use

Recommended use : Ingredient used in Flavors and Fragrances.

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
[www.camdengrey.com](http://www.camdengrey.com)

### 1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Skin corrosion/irritation, Category 2	Causes skin irritation
Serious eye damage/eye irritation, Category 1	Causes serious eye damage
Sensitization — Skin, category 1	May cause an allergic skin reaction
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways
Hazardous to the aquatic environment — Chronic Hazard, Category 3	Harmful to aquatic life with long lasting effects

### 2.2. GHS Label elements, including precautionary statements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

May be fatal if swallowed and enters airways  
Causes skin irritation  
May cause an allergic skin reaction  
Causes serious eye damage  
Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

Avoid breathing dust/fume/gas/mist/vapours/spray  
Wash ... thoroughly after handling  
Contaminated work clothing must not be allowed out of the workplace  
Avoid release to the environment  
Wear protective gloves/protective clothing/eye protection/face protection  
If swallowed: Immediately call a poison center/doctor/...  
If on skin: Wash with plenty of water/...  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a poison center/doctor/...  
Specific treatment (see ... on this label)  
Do NOT induce vomiting  
If skin irritation occurs: Get medical advice/attention  
If skin irritation or rash occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse  
Wash contaminated clothing before reuse  
Store locked up

# Geranium essential oil

## Safety Data Sheet

Dispose of contents/container to ...

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Name : Geranium Oil

Name	Product identifier	%	GHS-US classification
CITRONELLAL	(CAS No) 106-23-0	25 - 50	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
GERANIOL	(CAS No) 106-24-1	10 - 25	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
Hydrocarbons		10 - 25	Asp. Tox. 1, H304
LINALOOL	(CAS No) 78-70-6	2.5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

Full text of classification categories and H statements : see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get immediate medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Do not give patient anything orally. If swallowed, seek medical advice immediately and show this container or label. (If swallowed, seek medical advice immediately and show this container or label).

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : ABC-powder. BC-powder. Carbon dioxide. Foam. Water spray.
- Unsuitable extinguishing media : Water. in the event of fire: do not use water jet.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : A fire will often produce a thick black smoke. Do not breathe smoke.

### 5.3. Special protective equipment and precautions for fire-fighters

No additional information available

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Contain and collect spillages with non-combustible absorbent materials, e.g. Do not allow to enter drains or water courses.

# Geranium essential oil

## Safety Data Sheet

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up with detergents. Do not use solvents or thinners.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Remove contaminated clothing. Wash hands immediately after handling the product. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Avoid breathing dust/fume/gas/mist/vapours/spray.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### CITRONELLAL (106-23-0)

Not applicable

#### GERANIOL (106-24-1)

Not applicable

#### Hydrocarbons

Not applicable

#### LINALOOL (78-70-6)

Not applicable

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves. Protective clothing. Safety glasses.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : Pale yellow or dark yellow greenish  
Odour : Herbaceous Rosey  
Odour threshold : No data available  
pH : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 64 °C  
Relative evaporation rate (butyl acetate=1) : No data available

# Geranium essential oil

## Safety Data Sheet

---

Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.885 - 0.905
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

At very high temperature: decomposes by releasing irritant gases/vapours.

### 10.4. Conditions to avoid

Water, humidity.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

# Geranium essential oil

## Safety Data Sheet

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Harmful to aquatic life.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPmix comment : No known effects from this product.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Do not allow into drains or water courses.

Additional information : Keep label on container. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Clean up even minor leaks or spills if possible without unnecessary risk.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### TDG

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### LINALOOL (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

California Proposition 65

This product does not contain any Proposition 65 chemicals

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

No additional information available

# Geranium essential oil

## Safety Data Sheet

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Full text of H-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
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.