

## SAFETY DATA SHEET

### 1. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Geranium Essential Oil (Egyptian) Essential Oil
BOTANICAL NAME:	Pelargonium graveolens L.
INCI NAME:	Pelargonium Graveolens Oil
CAS NO.:	8000-46-2
SUPPLIER NAME:	YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS:	#106 2880 107 Ave SE Calgary AB T2Z3R7 Canada
TELEPHONE NUMBER:	(587) 352 3929
RECOMMENDED USE:	Domestic and Industrial

### 2. HAZARDS IDENTIFICATION

#### Emergency OverviewGHS

#### Classification

Flammable liquids - Category 4  
Skin corrosion/irritation - Category 2Skin  
sensitization - Category 1  
Serious eye damage/eye irritation - Category 1  
Hazardous to the aquatic environment - Acute - Category 2 Hazardous to  
the aquatic environment - Chronic - Category 3Aspiration Hazard - Category  
1  
Acute Toxicity Oral - Category 5

#### GHS Label elements, including precautionary statements



Signal: Danger

#### Hazard statement(s)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H303	May be harmful if swallowed



Transforming products to value.

H313  
H401

May be harmful in contact with skin  
Toxic to aquatic life

**Precautionary statement(s)**

P262 Do not get in eyes, on skin, or on clothing.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses if present and easy to do – continue rinsing.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Citronellol (Natural)	106-22-9	203-375-0	25 - 37 %
Geraniol (Natural)	106-24-1	203-377-1	10 - 18 %
Linalool (Natural)	78-70-6	201-134-4	4.0 - 8.5 %
Geranyl acetate (Natural)	105-87-3	203-341-5	1.0 - 5.0 %
Menthone (Natural)	10458-14-7	233-944-9	0.0 - 2.1 %
Citral (Geranial & Neral) (Natural)	5392-40-5	226-394-6	0.0 - 2.0 %
alpha-Pinene (Natural)	80-56-8	201-291-9	0.0 - 1.5 %
beta-Pinene (Natural)	127-91-3	204-872-5	0.0 - 1.0 %
Limonene	5989-27-5	227-813-5	0.0 - 0.5 %

**4. FIRST AID MEASURES**

**Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

**Ingestion**

Seek medical attention or contact local poison control center.

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media** Foam.

Dry Powder. Carbon dioxide. **Unsuitable**



**extinguishing media** Water spray,

water jet.

### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## **7. HANDLING AND STORAGE**

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### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for safe storage, including any incompatibilities**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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### **Exposure controls**

Odor is inadequate to warn of overexposure.

### **Eyes**

Use tightly sealed goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.



# YELLOW BEE

Transforming products to value.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Yellow to amber yellow liquid.
Odor	:	Characteristic sweet rose-like aroma, minty, fresh, geranium leaf-like
Flash point	:	>93°C
Relative density	:	0.860 to 0.905 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.455 to 1.475 @ 20°C
Optical rotation	:	-18° to -7° @ 20°C

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

 Hazardous

polymerization will not occur. **Conditions to**

### avoid

Avoid sparks, flame and other heat sources.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

 Not

available. **Chronic**

### toxicity

May cause allergic reactions on skin.

### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

### Eye contact

Possible irritation should be prevented by wearing safety glasses.

### Ingestion

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting



## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

### Persistence and degradability

Not available.

### Bio - accumulative potential

Not available.

### Mobility in soil

Not available.

### Other adverse effects

Not available.

## 13. DISPOSAL CONSIDERATION

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## 14. TRANSPORT INFORMATION

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### UN Number

Not regulated.

### US DOT Shipping Description (Land)

Not regulated

### IMO-IMDG Shipping Description (Sea)

Not regulated

### IATA Shipping Description (Air)

Not regulated

## 15. REGULATORY INFORMATION

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### California Proposition 65

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### GHS Hazard Statements

Please refer to section 2.

### GHS Precautionary Statements

Please refer to section 2.



## **16. OTHER INFORMATION**

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The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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