

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Geranium Essential Oil (Egyptian)
Botanical name	:	Pelargonium graveolens L
FEMA	:	2508
INCI name	:	Pelargonium Graveolens Flower Oil
CAS #	:	8000-46-2
Country of Origin	:	Egypt
EINECS #	:	290-140-0
Product use	:	Domestic and Industrial
Supplier	:	Laboratoire BermoCosm Inc.
Address	:	158 chemin du Roi, Saint Colomban, QC, CANADA J57 0A8
Fax	:	450 592 5026
Telephone number	:	514 424 8320
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

D2B	Toxic Material Causing	Moderate eye irritant.
.	Other Toxic Effects	Moderate skin irritant

GHS Classification

Eye irritation (Category 2A)

Skin irritation (Category 2)

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H304	May be fatal if swallowed and enter airways
H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H412	Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ Spray.
P302+P352	IF ON SKIN: Wash with plenty of water and soap
P332+P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331	Do not Induce Vomiting
P280	Wear Protective Gloves.
P264	Wash thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P305+P351+P338	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a doctor
P405	Store locked up
P501	Dispose of contents/ container according to international regulations

Inhalation

May be harmful if inhaled. Causes respiratory tract irritation

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

Maybe harmful if swallowed

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Citronellol	106-22-9		37%
Geraniol	106-24-1		19%
Citronellyl Formate	105-85-1		8%
Linalool	78-70-6		8%
Isomenthone	491-07-6		8%
Epi- Î³- Eudesmol	15051-81-7		5.5%

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.

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

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

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

Exposure controls

Use mechanical exhaust or laboratory fume hood to avoid exposure. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Greenish Yellow to Yellow Clear Liquid
Odor	:	Strong, rose like with minty undertone
Flash point	:	85 °C
Relative density	:	0.885 to 0.905 @ 20 degC
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.459 to 1.477@ 20 degC
Optical rotation	:	(-14) to (-6)

10. STABILITY AND REACTIVITY

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

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

Repeated exposure

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

WHMIS Classification

D2B

GHS Hazard Statements

See section 2.

GHS Precautionary Statements

See section 2.

16. OTHER INFORMATION

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