

1. PRODUCT INFORMATION

Product name	: Geranium Egyptian Essential Oil
Botanical name	: Pelargonium graveolens
INCI name	: Pelargonium Graveolens Flower Oil
CAS #	: 90082-51-2 / 8000-46-2
Country of Origin	: Egypt
EINECS #	: 290-140-0
Product Use	: Domestic and Industrial
Supplier	: Windy Point Soap Making Supplies Inc.
Address	: 14, 6125-12 th Street SE, Calgary, AB T2H 2K1
Telephone	: 587-318-6678
Emergency Telephone	: (800) 225-3924 Canada, USA, Puerto Rico

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquids - Category 4

Skin corrosion/irritation - Category 2

Skin 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 3

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H227 Combustible liquid.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long-lasting effects.

Precautionary statement(s)

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

P263 Avoid contact during pregnancy/while nursing.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P308+P313 If exposed: Call a POISON CENTER or doctor/physician.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P402+P404 Store in a dry place. Store in a closed container.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Citronellol (Natural)	106-22-9	203-375-0	25 - 36 %
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 (Geraniol & 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	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

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

Odour 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Yellow to yellow-green liquid.
Odour	: Characteristic floral odour.
Flash point	: 91 °C
Relative density	: 0.885 to 0.905 @ 20°C
Solubility (ies)	: Soluble in alcohol and oils. Insoluble in water.
Refractive index	: 1.461 to 1.475 @ 20°C
Optical rotation	: -14° to -8° @ 20°C

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.

12. ECOLOGICAL INFORMATION

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

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

14. TRANSPORT INFORMATION

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

California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list: MYRCENE.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Disclaimer & Caution

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