



Safety Data Sheet

Section 1: Identification

Product Name: Rose Geranium Oil South African

Botanical Name: Pelargonium capitatum x radens

Synonyms: Geranium terebinthinaceum, Pelargonium terebinthinaceum, Geranium oil, African

INCI Name: Pelargonium graveolens flower oil

CAS #: 8000-46-2

County of Origin: South Africa

Company: Soapgoods Inc

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Emergency Phone: Chemtrec: 1-800-424-9300

Recommended Use: Personal Care

Section 2: Composition/Information on Ingredients

Chemical Identification: Oils, rose geranium

EINEC#: 290-140-0 **FEMA#:** 2508

SECTION: 3. Hazardous Ingredients Information

N/A

Section 4: Physical and Chemical Properties

Appearance: Pale yellow to greenish olive liquid.

Odor: Characteristic minty, rose-like odor.

Solubility: Soluble in alcohol and oils. Insoluble in water.

Specific Gravity: 0.870 - 0.899 @ 20°C

Optical Rotation: -10.0 - -2.0 @ 20°C

Refractive Index: 1.461 - 1.470 @ 20°C

Citronellol: 16 - 29 %

Geraniol: 10 - 25 %

Linalool: 4 - 8 %

Extraction Method: Steam distillation of the leaves and flowers.

Contents: Citronellol, geraniol, linalool, Isomenthone, Citronellyl formate, geranyl formate, guaiadiene, caryophyllene, rose oxide, geranyl butyrate, geranyl tiglate, 10-epi-g-eudesmol.

Flash Point: 156 °F (69 deg. C)

Section 5: Fire-Fighting Measures

Flash Point: 69 °C (156 deg.F)
Combustible liquid. Will ignite if overheated.

Section 6: Stability and Reactivity

Reactivity: Stable.

Decomposition: Essential oils are naturally high in volatile organic compounds (VOCs). When heated to decomposition, the smoke from burning essential oils may contain potential carcinogens, such as polycyclic aromatic hydrocarbons (PAHs).

Section 7: Toxicological Information/Information

It may cause sensitivity on some individuals. Because it is reputed to balance the hormonal system, it is advised that geranium be avoided during pregnancy.

Section 8: Exposure Controls/Personal Protection

Spillage: Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

Fire: Recommended extinguishing media - CO₂, foam and dry chemicals. DO NOT use direct water jet on burning material.

Environment: Keep away from drains, surface and ground water.

Storage: Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

Section 9: First-Aid Measures

Eye contact: Flush with water for at least 15 minutes. Call physician if irritation persists.

Inhalation: Remove to fresh air. Avoid casual breathing.

Ingestion: Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

Skin contact: Remove contaminated clothing. Wash with soap and plenty of water.

Section 10: Stability and Reactivity

Stability: Chemically stable. This material presents no significant reactivity hazard.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents.

Flammability: Combustible liquid.

Hazardous Polymerization: Will not occur. Hazardous Combustion or None known.

Decomposition Products: When heated to decomposition produces acid fumes and carbon monoxide smoke.

Section 11: Toxicological Information

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

Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).

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

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting. Medical Conditions Aggravated: No Known toxicity. Avoid use during pregnancy. by Exposure:

May aggravate dermatitis, psoriasis and other skin conditions.

Chronic Toxicity: May cause allergic reactions on skin

Carcinogenicity Data: None of the components of this material are listed as a carcinogen.

Reproductive Toxicity: No adverse effects on reproduction are known. Acute Toxicity Values: No data is currently available.

Section 12: Ecological Information

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

Section 14: Transport Information

Chemical Identification Oils

UN No. 1169 Liquid aromatic extract

Packaging Group: III Class: 3

US DOT Shipping Description: Check appropriate authority

IATA Shipping (Air): Check appropriate authority

IMDG Shipping Description: Check appropriate authority

Section 15: Regulatory Information

WHMIS (Canada): Class 3

HMIS (USA): Health Hazard - Fire Hazard - Reactivity -

SARA 302/ SARA 313: None

California Proposition 65: This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

EU Labeling: R10 Flammable.

Xn R22: Harmful if swallowed.

Xi R38: Irritating to skin

S36/37/38: Wear suitable protective clothing, gloves and eye/face protection.

Section 16: Other Information

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