



Safety Data Sheet

Palmarosa Essential Oil

1. Identification of the Substance/Mixture and of the Company

Product Identifier

Product Name: Palmarosa Essential Oil

INCI Name: Cymbopogon Martini Motia Herb Oil

Botanical Name: Cymbopogon martinii var motia

CAS #: 8014-19-5/91722-54-2

Country of Origin: India

Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
980 Adelaide St. S,
London, On. N6E-1R3
519-685-3111
www.candorasoap.ca

Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

(613)-996-6666 CANUTEC 24 HOUR EMERGENCY Canada

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS

Flammable Liquids:	Category 4
Skin Sensitization:	Category 1
Skin Corrosion/Irritation:	Category 2
Serious Eye Damage/Irritation:	Category 1
Hazardous to the Aquatic Environment – Chronic:	Category 3



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2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms



Signal Word: Danger

Hazard Statements

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long-lasting effects.

Precautionary Statements

Prevention:

P210	Obtain special use instructions before use.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
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.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents and container in accordance with local, regional, national, and/or international regulation for hazardous wastes.

Response:

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
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 POISON CENTRE or doctor/physician.



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P321	Specific treatment (see section 4 on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

Ingredient	CAS#	EC#	Concentration Range
Geraniol	106-24-1	203-377-1	70 - 85%
Geranyl acetate	105-87-3	203-341-5	5 - 12%
Linalool	78-70-6	201-134-4	2 - 5%
beta-Caryophyllene	87-44-5	201-746-1	1 - 4%
Citral	5392-40-5	226-394-6	0.1 - 2%
Farnesol	4602-84-0	225-004-1	0.2 - 2%
I-Limonene	5989-54-8	227-815-6	0.05 - 1%
Terpinolene	586-62-9	209-578-0	0.05 - 0.5%

4. First Aid Measures

Description of First Aid Measures

Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Eye Exposure:	Immediately flush eyes with plenty of cool water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.



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

Ingestion: Seek medical attention or contact local poison control centre.

5. Firefighting Measures

Extinguishing Media

Suitable: Carbon dioxide (CO₂), Dry Powder, Foam

Unsuitable: Water spray, water jet.

Special Equipment and Precautions for Firefighters

During Firefighting: 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 Mixture

Special Hazard: 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 cleaning 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 spillage promptly, 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, 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/Personal Protection

Exposure Controls:

Eye Protection:	Use tightly sealed goggles.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Skin Protection:	If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.
Ingestion:	Not for ingestion.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Pale yellow to pale olive liquid.
Odour:	Characteristic sweet, floral, and rosy odor.
Flashpoint:	93°C
Relative Density:	0.880 to 0.910 @ 25 °C
Refractive Index:	1.460 to 1.490 @ 25 °C
Solubility:	Soluble in alcohol and oils. Insoluble in water
Optical Rotation:	-5.0° to +5.0° @ 25 °C

10. Stability and Reactivity



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Chemical Stability:

Chemically stable.

Reactivity:

This material presents no significant reactivity hazard.

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

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula".

Acute Toxicity:

Geraniol:
LD50 (Oral) - 3600 mg/kg

Linalool:
LD50 (Oral) - 2790 mg/kg

Citral:
LD50 (Dermal) - 2250 mg/kg

Terpinolene:
LD50 (Oral) - 3850 mg/kg

Chronic Toxicity:

May cause allergic reactions on skin.

Inhalation:

Inhalation of high concentrations of vapour 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.

12. Ecological Information

Ecotoxicity:

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

Persistence and Degradability:

Not available.

Bio-accumulative potential:

Not available.

Mobility in Soil:

Not available.

Other Adverse Effects:

Not available.



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13. Disposal Conditions

13.1 Waste Treatment Methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local, state or provincial, and federal regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with product or used container.

14. Transport Information

Regulator

U.S. DOT (Land) Not regulated.

Chemicals NOI

IATA (Air Cargo) Not regulated.

Environmentally Hazardous

Substance, Liquid n.o.s.

IMDG (Sea) Not regulated.

Environmentally Hazardous

Substance, Liquid n.o.s.

15. Regulatory Information

California Proposition 65 Warning: Contains substance identifies in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list). Contains MYRCENE

GHS Hazard Statements: Please refer to section 2.

GHS Precautionary Statements: Please refer to section 2.

16. Other Information

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Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.