



PALMAROSA OIL SAFETY DATA SHEET

SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name:	PALMAROSA OIL
Biological Definition:	Cymbopogon Martini Oil is the volatile oil expressed from the herb palmarosa, Cymbopogon martini, Gramineae
INCI Name	Cymbopogon Martini Oil
CAS Number.:	84649-81-0 / 8014-19-5
FEMA#.	2831
EINECS:	283-461-2

1.2 Relevant identified uses of the substance or mixture

No additional data available.

1.3 Manufacturer / Supplier Details

Supplier:	Heirloom Body Care
Address:	Unit 9, 28 Coombes Drive PENRITH NSW 2750
Telephone:	02 4722 2123
Fax:	02 4722 2904
Email:	heirloom@heirloombodycare.com.au

1.4 Information in case of emergency

Emergency Telephone:	Poisons Information Centre 13 11 26
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SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance / preparation

The full text for all hazard statements are displayed in Section 16.

Skin Irrit 2 – H315

Skin Sens. 1 – H317

Eye Dam. 1 - H318 Aquatic Chronic 3 – H412

2.2 Label Elements

Label in accordance with (EC) No 1272/2008:



GHS Signal Word: Danger..

Contains: Geraniol.

Hazard Statements:



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 Statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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 CENTER/doctor.
P501 Dispose of contents in accordance with local, state or national legislation.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing. And wash it before reuse.
P302+P352 IF ON SKIN: Wash with plenty of water.
P273 Avoid release to the environment.

Supplementary Precautionary Statements:

P264 Wash hands and exposed skin thoroughly after handling.
P332+P313 If skin irritation occurs: Get medical advice/attention.

2.3 Other hazards

No additional data available.

SECTION 3: PRODUCT COMPOSITION

3.1 Chemical Identification

CAS No	%(weight)	Name
84649-81-0	100	Cymbopogon martini oil

SECTION 4: FIRST AID

4.1 Description of first aid measures

Eye Contact:	Rinse immediately with clean water or any solution provided for this purpose for 15 minutes holding the eye open. Check if the victim is wearing contact lenses and remove if possible. Consult ophthalmologist immediately
Skin Contact:	Wash the contaminated skin with soap and water. Remove contaminated clothing and shoes. Wash thoroughly with water. Before removing contaminated clothing wear gloves.
Inhalation:	Evacuate person to uncontaminated area. Breathe fresh air. If breathing difficulties persist, consult a doctor. If unconscious, place the person in recovery position and call a doctor.
Ingestion:	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a doctor. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. In case of persistent or worsening symptoms consult a doctor. If unconscious, place the person in recovery position (SLP) and call a doctor.



4.2 Most important symptoms and effects of substance, both acute and delayed

Symptoms: Inhalation: can cause slight headache, diarrhea, cough shortness of breath, chest pains, bronchial spasm Eye contact: can cause bloodshot eyes Skin contact: can cause slight skin rash. Ingestion: Nausea, vomiting and diarrhoea can result from ingestion.

4.3 Indication of immediate medical attention and any special treatment required.

Inhalation: Monitor for signs of respiratory distress.

Eye contact: Monitor for irritation, pain or swelling.

Skin contact: Monitor signs of skin sensitisation.

Ingestion: Monitor signs of aspiration particularly following loss of consciousness.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media: SMALL FIRE: use CO₂, foam, dry powder

LARGE FIRE: use water spray or fog.

- cool containing vessels with water jet to prevent pressure build-up, auto-ignition or explosion. Unsuitable extinguishing media: pressurized water jet

5.2 Special hazards arising from the substance or mixture.

No additional data available.

5.3 Advice for firefighters

Standard procedure for chemical fires - spray extinguishing media to base of flames - use adequate protections for respiratory apparatus, avoid vapour inhalation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

6.3 Methods and materials for containment and cleaning up.

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite, transfer used material to a suitable waste container and dispose in accordance with regulations for the appropriate methods of waste treatment.

6.4 Reference to other sections

See section 7, 8 & 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling: during handling keep original container closed - avoid contact with skin and eyes – wear adequate protective gloves and eye/face protection - avoid any sources of ignition – avoid exposing to high temperature during processing - maintain adequate local and general ventilation where product is handled.

Hygiene at work: do not ingest or apply to the skin as such - no smoking - remove contaminated clothing – good personal washing routines should be followed - if at risk of contamination.



7.2 Conditions for storage

Container: to be stored in stainless steel drums, preferably under inert atmosphere (nitrogen), protected from daylight take note: the container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long-term warehousing.

Conditions: stored in a dry, aerated place, away from any heat source and ignition source.

Temperature: from 5°C and 30°C.

7.3 Specific end use:

Use as odour agent / flavouring agent - the information of this section are not related to the use of the product in combination with any other material or any other process altering its characteristics

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

OEL (Oil Mist) 5 mg/m³ 8hr TWA (EH40/2005)..

8.2 Exposure Controls

Respiratory Equipment	Wear suitable respiratory protection to protect from vapours and oil mists.
Process Conditions	Provide eyewash station.
Eye Protection	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.
Hand Protection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374
Skin Protection	Wear apron or protective clothing in case of contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been exposed must be washed thoroughly.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
Protective Equipment	
Environmental Exposure Controls	Avoid discharging into drainage water.

8.3 Engineering Controls

Design work processes and engineering controls to minimise aerosol / mist formation, release of liquid and vapour. Where appropriate provide adequate ventilation suitably protected to minimise release to the environment to ensure a safe working atmosphere consistent with the OEL's in section 8.1 above.

8.4 Other Personal Protection

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Appearance	Mobile liquid.
Colour:	Light yellow to yellow brown.
Odour:	Characteristic – grassy, floral.
Melting point	No additional data available
Boiling point:	215°C (lit.)



Flash point (°C):	64 - 100°C (94°C Typical) Melting Point (°C)
Vapour pressure:	No additional data available
Relative density:	Approx. 0.885 @ 20°C
Solubility in water (g/litre @ 20 °C):	No additional data available
Auto ignition T°C:	No additional data available
Refractive index:	Approx. 1.475 @ 20°C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Substance not reactive with water - substance not reactive if used according to storage & handling conditions & identified uses (see subsection 1.2). Oxidation will result in production of peroxides and will increase sensitisation potential.

10.2 Stability

Substance stable if used according to storage & handling conditions & identified uses (see subsection 1.2). Susceptible to oxidation when exposed to atmospheric oxygen at all temperatures.

10.3 Possibility of hazardous reactions

Oxidation, reduction, and hydrolytic reactions likely to increase skin / eye / respiratory irritation / sensitisation. May react vigorously with oxidising agents.

10.4 Conditions to avoid.

Conditions leading to thermal decomposition either by contact with strong oxidising or reducing substances or by combustion.

10.5 Incompatible materials

Highly oxidising agents.

10.6 Hazardous decomposition products

Acrid smoke and irritating fumes released on combustion. In case of combustion: carbon monoxide (CO), carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No additional data available.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Can cause serious eye damage.
Respiratory or skin sensitisation:	Skin - May cause an allergic skin reaction.
Carcinogenicity:	No additional data available.
Germ cell mutagenicity:	No additional data available.
Reproductive toxicity:	No additional data available.
STOT-single exposure:	No additional data available.
STOT-repeated exposure:	No additional data available.
Aspiration hazard:	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.



SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

No additional data available.

12.3 Bio-accumulative potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Other adverse effects

No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

The containers used for this product must completely empty before disposal. Dispose product and/or contaminated packaging in accordance with federal, state and local environmental control regulations - disposal through the waste water is illegal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

UN No. Road	Not regulated.
UN No. SEA	Not regulated.
UN No. AIR	Not regulated.

14.2 UN Proper shipping name

Not regulated.

14.3 Transportation hazard classes

Not regulated.

14.4 Packing group

Not regulated.

14.5 Environmental hazards

None.

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No additional data available.

SECTION 15: REGULATORY INFORMATION

15.1 Regulations

Statutory Instruments:



The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H304 May be fatal if swallowed and enters airways
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects..

Other Information

None.

Revision Date: 11/10/2021

Reason for revision: New SDS

Rev No/Repl, SDS Generated: 01

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