

# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Name: Palmarosa Oil

Company Name: Freshskin Beauty Ltd  
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CAS Number: 84649-81-0  
EC (EINECS) Number: 283-461-2  
Chemical Name: DEFINITION/BOTANICAL ORIGIN: Cymbopogon martini Oil is the volatile oil obtained by steam distillation from the herb palmarosa. Cymbopogon martini. Gramineae.

Synonyms, Trade names: INCI NAME: *Cymbopogon martini Oil*

## 2. HAZARDS IDENTIFICATION

Classification (1999/45): Xi;R38, R41, R43, R52/53.  
Classification (EC 1272/2008)

Physical: Not classified.  
Health: Skin Irrit. 2 – H315; Eye Dam. 1 – H318; Skin Sens. 1 – H317  
Environmental: Aquatic Chronic 3 – H412

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



Signal Word: Danger  
Contains: CITRAL  
GERANIOL  
LIMONENE

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+351+338	<b>IF IN EYES</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary precautionary statements:		
	P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264	Wash.....thoroughly after handling.
	P272	Contaminated work clothing should not be allowed out of the workplace.
	P273	Avoid release to the environment.
	P302/352	<b>IF ON SKIN:</b> Wash with plenty of soap and water.
	P310	Immediately call a <b>POISON CENTER</b> or doctor/physician
	P321	Specific treatment (see... .. on this table.
	P332/313	If skin irritation occurs: Get medical advice/attention.
	P333/313	If skin irritation occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P363	Wash contaminated clothing before reuse.
	P501	Dispose of contents/container to...

3. COMPOSITION/INFORMATION ON INGREDIENTS	
CITRAL	1 – 5%
CAS-NO.:5392-40-5	EC No.: 226-394-6
CLASSIFICATION (EC 1272/2008)	CLASSIFICATION (67/548/EEC)
Skin Irrit. 2 – H315	R43
Skin Sens. 1 – H317	Xi;R38
ESTRAGOLE	< 1%
CAS-No.: 140-67-0	EC No.: 205-427-8
CLASSIFICATION (EC 1272/2008)	CLASSIFICATION (67/548/EEC)
Acute Tox. 4 – H302	Xn;R22.
Skin Sens. 1 – H317	Carc. Cat. 3;R40.
Muta . 2 – H341	Muta. Cat. 3;R68.
Carc. 2 – H351	R43
GERANIOL	60 – 100%
CAS-No.: 106-24-1	EC No.: 203-377-1
CLASSIFICATION (EC 1272/2008)	CLASSIFICATION (67/548/EEC)
Skin Irrit. 2 – H315	Xi;R38,R41.
Eye Dam. 1 – H318	R43.
Skin Sens. 1 – H317	
GERANYL ACETATE	5 – 10%
CAS-No.: 105-87-3	EC No.: 203-341-5
CLASSIFICATION (EC 1272/2008)	CLASSIFICATION (67/548/EEC)
Aquatic Chronic 2 – H411	N;R51/53.

LIMONENE	1 – 5%
CAS-No.: 138-86-3	EC No.: 205-341-0
CLASSIFICATION (EC 1272/2008) Flam. Liq. 3 H226 Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	CLASSIFICATION (67/548/EEC) Xn;R65 Xi;R38 N;R50/53. R10,R43.

LINALOOL	1 – 5%
CAS-No.: 78-70-6	EC No.: 201-134-4
CLASSIFICATION (EC 1272/2008) Skin Irrit. 2 – H315	CLASSIFICATION (67/548/EEC) Xi;R38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

EC (EINECS) No. 283-461-2  
CAS-No. 84649-81-0

#### 4. FIRST-AID MEASURES

GENERAL INFORMATION: Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped.

NOTES TO THE PHYSICIAN: No specific first aid measures noted.

INHALATION: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: If necessary, rinse mouth and provide fresh air. Get medical attention if discomfort continues.

SKIN CONTACT: If necessary remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

#### 5. FIRE FIGHTING EXTINGUISHING MEASURES

EXTINGUISHING MEDIA: Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Containers close to fire should be removed or cooled with water.

UNUSUAL FIRE & EXPLOSION HAZARDS: No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS: When heated and in case of fire, toxic vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use protective gloves, goggles and suitable protective clothing. In case of spills,

ENVIRONMENTAL PRECAUTIONS:  
SPILL CLEAN UP METHODS:

beware of slippery floors and surfaces.  
Do not discharge into drains, water courses or onto the ground.  
Absorb with inert, damp, non-combustible material, then flush area with water.  
Shovel into dry containers. Cover and move the containers. Flush the area with water.

## 7. HANDLING & STORAGE MEASURES

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working Area. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE PRECAUTIONS: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct Sunlight.

STORAGE CLASS: Unspecified storage

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



ENGINEERING MEASURES: Provide adequate ventilation.

RESPIRATORY EQUIPMENT: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION: Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION: If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES: No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION: Wear apron or protective clothing in case of splashes.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Please see separate specification sheet.

## 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION: Will not polymerise.

MATERIALS TO AVOID: Strong oxidising substances. Strong acids. Strong Alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## 11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: See Section 2

GENERAL INFORMATION: No specific health warnings noted.

INHALATION: In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

INGESTION: No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT: No specific health warnings noted.

EYE CONTACT: Spray and vapour in the eyes may cause irritation and smarting.  
HEALTH WARNINGS: No specific health warnings noted.  
MEDICAL SYMPTOMS: No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.  
MEDICAL CONSIDERATIONS: Persons with rash are directed to skin expert for examination of allergic eczema.

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY: Refer to section - 2

## 13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION: Waste is suitable for incineration.  
DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

GENERAL: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 15. REGULATORY INFORMATION

### EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18<sup>th</sup> 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.

STATUTORY INSTRUMENTS: The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716)  
APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply  
GUIDANCE NOTES: Workplace Exposure Limits EH40.

## 16. OTHER INFORMATION

GENERAL INFORMATION: Shelf life: 36 months when stored within advised conditions.

RISK PHRASES IN FULL:

- R10 Flammable.
- R22 Harmful if swallowed.
- R65 Harmful: may cause lung damage if swallowed.
- R38 Irritating to skin.
- R40 Limited evidence of a carcinogenic effect.
- R43 May cause sensitisation by skin contact.
- R68 Possible risk of irreversible effects.
- R41 Risk of serious damage to eyes.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

HAZARD STATEMENTS IN FULL:

- H318 Causes serious eye damage.
- H315 Causes skin irritation
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
H341	Suspected of causing genetic defects.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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