

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

Product Name: Bergamot Oil Bergaptene Free

Company Name: Freshskin Beauty Ltd
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CAS Number: 89957-91-5

EINECS Number: 289-612-9

Tariff Number: 3301.11

Status: Natural

CoE Number: 137

FEMA: 2153

Additives: None

FDA: § 182.20

Chemical Name: DEFINITION/BOTANICAL ORIGIN: Citrus aurantium bergamia Fruit Oil is obtained by pressing the peels of the unripe fruits of Citrus aurantium L. subsp. bergamia, (risso and poit); followed by rectification, to produce oil free from furanocoumarins.
INCI Name: *Citrus aurantium bergamia Peel Oil.*

2. HAZARDS IDENTIFICATION

Classification (1999/45): Xn;R65. Xi;R38. R43 N;R50/53. R10.

Classification (EC 1272/2008)

Physical: Flam. Liq. 3 – H226

Health: Skin Irrit. 2 – H315;Skin Sens. 1 – H317;Asp. Tox. 1 – H304

Environmental: Aquatic Acute 1 – H400;Aquatic Chronic 1 –H410

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



Signal Word: Danger

Contains

CITRAL, LIMONENE & LINALOOL

Hazard Statements;

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

Precautionary Statements:

P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Supplementary precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/.../equipment
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 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.
 P301/310 **IF SWALLOWED:** Immediately call a **POISON CENTER** or Doctor/Physician.
 P302/352 **IF ON SKIN:** Wash with plenty of soap and water.
 P303/361/353 **IF ON SKIN:** (or hair): Remove/Take off immediately all Contaminated clothing. Rinse skin with water/shower. Specific treatment (see... .. on this label).
 P321 Do **NOT** induce vomiting.
 P331 If skin irritation occurs: Get medical advice/attention.
 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.
 P370/378 In case of fire: Use... for extinction.
 P391 Collect spillage.
 P403/235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container to...

3. COMPOSITION/INFORMATION ON INGREDIENTS

CITRAL	< 1%
CAS-No.: 5392-40-5	EC No.:
Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 3 – H226	Xn;R65.
Skin Sens. 1 – H317	N;R50/53.
Asp. Tox. 1 – H304	R43,R10.
Aquatic Acute 1 – H400	
Aquatic Chronic 1 – H410	

LIMONENE	30 – 60%
CAS-No.: 5989-27-5	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	10 - 30%
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. 289-612-9
CAS-No. 89957-91-5

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. Seek medical advice **IMMEDIATELY** 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, beware of slippery floors and surfaces.
ENVIRONMENTAL PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground.
SPILL CLEAN UP METHODS:	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.

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 ₂ , NO _x) may be formed.

11. TOXICOLOGICAL INFORMATION

Not a skin sensitizer. Opydke D.J (1979) explained the phototoxic effects of Bergamot Oil were due to furanocoumarin content (FCT 11,1031). However see section 16. Literature value LD50 Oral Rate>5g/kg

12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

Biodegradability: Data not available.

Precautions: Prevent surface contamination of soil, ground and surface water.

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



PROPER SHIPPING NAME:	EXTRACTS, AROMATIC, LIQUID		
UN NO. ROAD:	1169		
ADR CLASS NO:	3	ADR CLASS	Class 3: Flammable liquids
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30	ADR LABEL No.	3
HAZCHEM CODE	•3YE		
UN NO. SEA	1169	IMDG CLASS	3
IMDG PACK GR	III	EMS	F-E, S-D
UN NO. AIR	1169	AIR CLASS	3
AIR PACK GR.	III		

15. REGULATORY INFORMATION

EU DIRECTIVES

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

Shelf life: Recommend user checks quality after 12 months storage up to 3 years.

RISK PHRASES IN FULL:

R10	Flammable liquid.
R65	Harmful: may cause lung damage if swallowed.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R50/53	Very Toxic to aquatic organisms, may cause long-term adverse effects in the Aquatic environment.

SAFETY PHRASES IN FULL:

S24	Avoid contact with skin
S37	Wear suitable gloves
S61	Avoid release to the environment. Refer to special instructions/safety data sheets
S62	If swallowed, do not induce vomiting, seek medical advice immediately and show Container or label.

Cosmetics Directive 7th Amendment: Restrictions may apply. A Source of Citral, Limonene and Linalool listed as sensitisers. Check maximum usage levels for skin care products.

Suitable packaging: Glass, Lacquer lined steel/tin, Aluminium, F/HDPE..

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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