



Certificate of Analysis

Product Description: Lemon Myrtle Oil, Organic **INCI Name:** Backhousia Citriodora Leaf Oil

EINECS Number: 283-909-7 **CAS Number:** 84775-80-4

Batch Number: 4327903 **Best Before End:** June 2021

Analytical Details	Result
Appearance	Light to pale yellow clear liquid
Odour	Characteristic - Fresh Lemon
Specific Gravity @ 20°C	0.890
Refractive Index @ 20°C	1.488
Optical Rotation	-0.68



Allergen Statement

Product: Lemon Myrtle Oil, Organic

INCI Name: Backhousia Citriodora Leaf Oil

<u>Annex III Ref:</u>	<u>Material:</u>	<u>CAS No:</u>	<u>Total Allergen Inclusion Level (%)</u>
67	AMYL CINNAMAL	122-40-7	0
68	BENZYL ALCOHOL	100-51-6	0
69	CINNAMYL ALCOHOL	104-54-1	0
70	CITRAL	5392-40-5	< 91.0
71	EUGENOL	97-53-0	< 0.02
72	HYDROXY-CITRONELLAL	107-75-5	0
73	ISOEUGENOL	97-54-1	0
74	AMYL CIN-NAMYL ALCOHOL	101-85-9	0
75	BENZYL SALICYLATE	118-58-1	0
76	CINNAMAL	104-55-2	0
77	COUMARIN	91-64-5	0
78	GERANIOL	106-24-1	< 0.02
79	HYDROXY-METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	31906-04-4	0
80	ANISE ALCOHOL	105-13-5	0
81	BENZYL CINNAMATE	103-41-3	0
82	FARNESOL	4602-84-0	< 0.02
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0
84	LINALOOL	78-70-6	< 0.01
85	BENZYL BENZOATE	120-51-4	< 0.02
86	CITRONELLOL	106-22-9	< 0.02
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0
88	LIMONENE	5989-27-5	< 0.34
89	METHYL HEPTIN CARBONATE	111-12-6	0
90	ALPHA-ISOMETHYL IONONE	127-51-5	0
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0



COMMISSION DIRECTIVE 1169/2011/EC of 25 October 2011 of the European Parliament and of the Council as regards certain food ingredients.

14 Food Allergens

<u>Annex IIIa Ref:</u>	<u>List of Allergens</u>	<u>Allergens Present in Product</u>	<u>Possible Presence by Contamination</u>	<u>Present in Factory</u>
1	Cereals containing Gluten	No	No	Yes
2	Crustaceans	No	No	No
3	Eggs	No	No	No
4	Fish	No	No	No
5	Peanut	No	No	Yes
6	Soya	No	No	Yes
7	Milk	No	No	Yes
8	Nuts	No	No	Yes
9	Celery and Celeriac	No	No	No
10	Mustard	No	No	Yes
11	Sesame	No	No	Yes
12	Sulphur Dioxide and Sulphites	No	No	No
13	Lupin	No	No	No
14	Mollusc	No	No	No



IFRA Conformity

Product Name	Lemon Myrtle Oil, Organic
INCI	Backhousia Citriodora Leaf Oil
CAS Number	84775-80-4
EINECS Number	283-909-7

Product Statement

We certify that the above named material contains the following restricted components listed in the 48th Amendment of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA) Code of practice.

Restricted Component:	CAS No:	% Level in Product
Limonene	5989-27-5	≤ 0.34
Linalool	78-70-5	≤ 0.01
Citronellol	106-22-9	≤ 0.002
Citral	5392-40-5	≤ 91.0
Geraniol	106-24-1	≤ 0.002
Benzyl Benzoate	120-51-4	≤ 0.002
Eugenol	97-53-0	≤ 0.002
Farnesol	4602-84-0	≤ 0.002
Trans-2-Hexanal	100-52-7	≤ 0.002
Benzaldehyde	6728-26-3	≤ 0.006
Carvone	99-49-0	≤ 0.002
Methyl Eugenol from Naturals	93-15-2	≤ 0.002
Furfural	98-01-1	≤ 0.002



IFRA Conformity

IFRA CLASSES	% MAXIMUM USE LEVEL
Category 1	0.04
Category 2	0.05
Category 3A	0.22
Category 3B	0.22
Category 3C	0.22
Category 3D	0.22
Category 4A	0.66
Category 4B	0.66
Category 4C	0.66
Category 4D	0.66
Category 5	0.33
Category 6	1.10
Category 7A	0.11
Category 7B	0.11
Category 8A	1.54
Category 8B	1.54
Category 9A	5.49
Category 9B	5.49
Category 9C	5.49
Category 10A	2.75
Category 10B	2.75
Category 11	Not Restricted

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B



IFRA Conformity

Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos).Face Cleansers of all types (washes, gels, scrubs, etc...).Shaving Creams of all types (stick, gels, foams, etc...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B

It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

DISCLAIMER: 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.



SPECIFICATION

Product Name	Lemon Myrtle Essential Oil, Organic
INCI	Backhousia Citriodora Leaf Oil
CAS Number	84775-80-4
EINECS Number	283-909-7

Product Description

Backhousia Citriodora Leaf Oil is the volatile oil obtained from the leaves of Backhousia Citriodora, Myrtaceae

Analytical Details	Range
Appearance	Light to pale yellow clear liquid
Odour	Characteristic – Fresh lemons
Specific Gravity @ 20°C	0.870 – 0.935
Refractive Index @ 20°C	1.475 – 1.495
Optical Rotation @ 20°C	-10.0 to +10.0

Shelf Life / Best Before	24 Months
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MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Lemon Myrtle Oil, Organic**
Supplier: **Madar Corporation**
19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Emergency Contact: Tel: 01425 655555 Email: technical@madarcorporation.co.uk

2 - Hazards identification:

Classification (1999/45) Xi, Xn;R65. Carc. Cat. 3;R40, Muta Cat. 3;R68. R43. N;R50/53. R10.
Classification (EC 1272/2008):
Physical Flam. Liq. 3 - H226
Health Skin Sens. 1 - H317;Muta. 2 - H341;Carc. 2 - H351;Asp. Tox. 1 - H304
Environmental Aquatic Acute 1 - H400;Aquatic Chronic 1 - H410
Contains: Geraniol, Limonene, Methyl Eugenol, Pinenes

3 - Composition and information on ingredients:

INCI Name **Backhousia Citriodora Leaf Oil**
Definition/Botanical Origin: Obtained by steam distillation from the leaves of *Backhousia citriodora*,
CAS No: 84775-80-4
EC No: 283-909-7
EINECS – CAS: N/A
Status: Natural
Additives: None
Application: Aromatherapy, skin care etc.

4 - First aid measures:

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
Ingestion: Rinse mouth out with water. Seek medical advice immediately.
Other: When assessing action take Risk & Safety Phrases into account (Section 15)

5 - Fire - Fighting measures:

<u>Extinguishing media</u>	Use CO ₂ , Dry Powder or Foam type Extinguishers, spraying recommended: extinguishing media to base of flames. Do not use direct water jet on burning material.
<u>Special measures:</u>	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
<u>Extinguishing procedures:</u>	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6 - Accidental release measures:

<u>Personal precautions:</u>	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
<u>Environment precautions:</u>	Keep away from drains, soils, surface & ground waters.
<u>Cleaning up methods</u>	Remove all potential ignition sources. Contain spilled material. Cover for spillages: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7 - Handling and storage:

<u>Precautions in handling:</u>	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
<u>Storage conditions:</u>	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
<u>Fire protection:</u>	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8 - Exposure controls and personal protection:

<u>Respiratory protection:</u>	Avoid breathing product vapour. Apply local ventilation where possible.
<u>Ventilation:</u>	Ensure good ventilation of working area.
<u>Hand protection:</u>	Avoid all skin contact. Use chemically resistant gloves if required.
<u>Eye protection:</u>	Use safety glasses.
<u>Work/Hygiene practices:</u>	Wash hands with soap & water after handling.

9 - Physical data and chemical properties:

<u>Form:</u>	Clear mobile liquid
<u>Colour:</u>	Pale yellow
<u>Odour:</u>	Fresh lemon
<u>Flash point (°C):</u>	> 70
<u>Specific Gravity @ 20°C:</u>	0.870 – 0.935
<u>Refractive Index @ 20°C:</u>	1.475 – 1.495

10 - Stability and Reactivity:

<u>Reactivity:</u>	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
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Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11 - Toxicological information:

Data not available

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 & surface water.

13 - Disposal considerations:

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14 - Transport information:

Road (ADR/RID): N/A

Air (IATA/ICAO): N/A

Sea (IMDG): N/A

CHIP: See section 15

15 - Regulatory information:

Hazards: Irritant

Symbols: Xi

Risk Phrases: R38 Irritating to skin

R43 May cause sensitisation by skin contact

Safety Phrases: S24/25 Avoid contact with skin and eyes

S37 Wear suitable gloves

16 - Other information:

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

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding it's' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.



Date: 01/03/2018

Re: Vegan – Lemon Myrtle Essential Oil, Organic

We can confirm that the Lemon Myrtle Essential Oil, Organic supplied by the MADAR Corporation is suitable for Vegans.