

MYSTIC MOMENTS

CERTIFICATE OF ANALYSIS

PRODUCT NAME: KANUKA OIL
BOTANICAL NAME: KUNZEA ERICOIDES WILD
HARVEST METHOD: HARVEST
BATCH NUMBER: 4532707
MANUFACTURING DATE : February 2024
RETEST DATE : February 2027

PHYSICAL DATA :

Relative Density (20° C)	0.880±0.005
Refractive Index (20° C)	1.4740±0.0005
α-Pinene level (%peak area)	55.2 %
Flash point, ° C >	38

OTHER INFORMATION

GAS CHROMATOGRAPHIC ANALYSIS : see attached GC.

MYSTIC MOMENTS

COSMETIC ALLERGEN DECLARATION

KANUKA OIL (INCI Name: Kunzea Ericoides Branch/Leaf Oil) contains the following cosmetic allergens in the concentrations shown below.

This information is supplied for compliance with the 7th amendment of the European Cosmetic Directive (76/768/EEC)

CAS NUMBER	SUBSTANCE	Concentration in the product (%)
78-70-6	LINALOOL	1.5 %
138-86-3	d-LIMONENE	1.5 %

Date: 13/03/2023

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KANUKA OIL - PROCESSING METHOD.

Kanuka brush harvested from natural plantations by hand, packed in bales and delivered to factory.

In the field



Bales are emptied and visual inspection made of the Kanuka brush for impurities (foreign materials)



Kanuka Brush is then fed through a brush chopper to reduce material size to 25-50mm in length



The chopped brush is then blown into 3000 ltr stainless steel distillation cartridges.



Samples of brush are taken from each distillation cartridge for assessment of moisture and leaf content.



The distillation cartridges are weighed and placed inside the distillation vessels.
The oil is extracted with steam at atmospheric pressure for 3 hours.



The steam and oil vapour is piped out of the distillation tanks through a condenser (to cool to a liquid) and into a separating vessel where the Oil is separated from the water.



The separated Oil is pumped through a filter and into bulk storage containers. Multiple production lots are combined in the bulk storage containers to make Product batches.



Samples of each Product batch is taken and dispatched to an independent laboratory for GC analysis, physio-chemical testing and compliance to standard specification.



Approved Oil batches are then packed into final containers, nitrogen capped and sent to warehouse for storage and later despatch.

MYSTIC MOMENTS

KANUKA OIL

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

Madar Corporation Limited

19 - 20 Sandleheath Industrial Estate
Fordingbridge Road
Fordingbridge
Hampshire, SP6 1PA
Email: technical@madarcorporation.co.uk

Emergency Telephone :01425 655555

SAFETY DATA SHEET



PRODUCT NAME: Kanuka Oil

BOTANICAL NAME: Kunzea Ericoides

INCI NAME : Kunzea Ericoides Leaf Oil

TRADE NAMES : Tairawhiti Kanuka Oil, East Cape Kanuka Oil

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Cas No.	EC No.	Volume %	Symbols
Kunzea Ericoides Oil	226992-81-0		100	 

Reach Notification No. 98-06-1056

Reach Registration No. 01-0000017203-81-0000



3 HAZARDS IDENTIFICATION

H226 Flammable Liquid and Vapour

H302 Harmful If Swallowed
H315 Causes Skin Irritation
H319 Causes Serious Eye Irritation



Warning

4 FIRST-AID MEASURES

CONTACT WITH SKIN

- Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water
- Seek medical attention if irritation persists

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water for a least 15 minutes
- Seek medical attention if irritation persists

INGESTION

- Do not induce vomiting
- Do not give patient anything to drink
- Seek immediate medical attention

INHALATION

- Remove patient to fresh air
- Seek medical attention if ill effects occur

OTHER INFORMATION

- If you feel unwell, seek medical advice (show the label where possible)

5 FIRE-FIGHTING MEASURES

- In case of fire, use water, foam, carbon dioxide or dry agent to extinguish (P370/P378))
- Keep container(s) exposed to fire cool, by spraying with water
- Portable containers should be moved if possible and without risk
- Wear Positive-Pressure Breathing Apparatus

6 ACCIDENTAL RELEASE MEASURES

- Dyke to prevent entry to sewer or water way. Transfer liquid to a holding container
- Absorb/collect spillage in inert material and shovel up (P390/P391)
- Place in sealable container

7.1 HANDLING

- The usual precautions for handling chemicals should be observed
- Do not eat, drink or smoke when using this product (P270)
- Handle and open container with care
- Ensure adequate ventilation

7.2 STORAGE

- Protect from sunlight, Store in a well-ventilated place. Keep cool(P410/P403/P235)
- Store in a dry place, Store in a corrosive resistant container (P402/406)
- Shelf life 18 months in original sealed container.

8.1 EXPOSURE CONTROL/PERSONAL PROTECTION

- Wear suitable protective clothing, including eye/ face protection and gloves (plastic or rubber are recommended)
- Proper chemicals handling procedure should be adopted
- Take off contaminated clothing and wash it before reuse. (P362/P364)

8.2 EXPOSURE LIMITS

- There are no recommended or established controls for this product

9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, yellow/green, clear
- Boiling point: 150 deg C to 180 deg C
- Flash point: 38 deg C (CC)
- Melting point: <-25 deg C
- Auto-ignition point: not known
- pH: not known
- Density: not known
- Vapour pressure: not known
- Fat solubility: not known
- Partition coefficient : not known

10 STABILITY AND REACTIVITY

- This article is considered stable under normal conditions
- Reacts slowly with butyl rubber and some plastics
- Discoloration occurs in contact with mild steel

11 TOXICOLOGICAL INFORMATION

- Harmful if swallowed (H302)
- Irritation to skin: Positive
- Irritation to eyes and skin:(H315/H319)
- Sensitization: not known
- Mutagenicity: not known

12 ECOLOGICAL INFORMATION

- Not known

13 DISPOSAL CONSIDERATIONS

- This material and/or its container must be disposed of as hazardous waste
- Disposal should be in accordance with local, state or national legislation

14.1 TRANSPORT REGULATIONS

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

PROPER SHIPPING NAME:
Extracts Aromatic Liquid – Flammable liquid

14.2 TRANSPORT INFORMATION

	Class	Pack Group	Sub Risk	UN-nr.
Road (ADR/RID) :	3	111	N/A	
Air (IATA) :	3	111	N/A	1169
Sea (IMDG) :	3	111	N/A	
Harmonized Customs Tarriff Code: 3301.29				

15 REGULATORY INFORMATION

- Refer to Dangerous Substance Directive (67/548/EEC)
- Refer to Safety Data Sheet Directive (91/155/EC)
- The data given here only applies when product used for proper application. The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) with out seeking advice from manufacturer
- Caution: this substance is not fully tested

15.1 RISKS PHRASES

- Harmful if swallowed (H302)
- Irritating to eyes and skin (H315/H319)
- Harmful to health (Xn)

15.2 PRECAUTIONARY STATEMENTS

P301/P312/P331/P313: If Swallowed: Call a Poison Center/Doctor, Do not induce vomiting, Get Medical advice/attention.

P302/P332/P351/P314: If On Skin, If Skin Irritation Occurs, Rinse Cautiously with Water for Several Minutes, Get Medical Advice/Attention if You Feel Unwell.

P305/P337/P338/P351: If In Eyes, If Eye Irritation Persists, Remove Contact Lenses If Present and Easy To Do. Continue Rinsing, Wash Cautiously For Several Minutes.

16 OTHER INFORMATION

The information in the Safety Data Sheet is based on the properties of the material known to TAIRAWHITI PHARMACEUTICALS LIMITED at the time the data sheet was issued. The Safety Data Sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which is packaged, stored or applied in the workplace. For such a safety assessment,TAIRAWHITI PHARMACEUTICALS LIMITED, hold no responsibility.This document is not intended for quality assurance purposes.

MYSTIC MOMENTS

KANUKA OIL

16/01/08

PRODUCT SPECIFICATION

PRODUCT NAME: Kanuka Oil

BOTANICAL NAME: Kunzea Ericoides

INCI NAME: Kunzea Ericoides Leaf Oil

APPEARANCE : Clear Pale Yellow Liquid

PHYSICAL DATA :

Relative Density 20 ⁰ /20 ⁰ C (g/ml)	0.8700	0.8900
Refractive Index 20 ⁰ C	1.4680	1.4780
Flash point, ⁰ C (ASTMD93)	35 ⁰ C	45 ⁰ C
Boiling Point, ⁰ C (BP1993)	150 ⁰ C	180 ⁰ C
Freezing Point, ⁰ C, (BP1993)	<-70 ⁰ C	
Optical Rotation	+ 34.0 ⁰ (Typical value)	

CHEMICAL COMPOSITION : (as determined by GCMS)

Main Components.	Concentration Range %
α - pinene	50 - 75 %
1,8 cineole	1 - 4 %
limonene	1 - 5 %
γ - terpinene	1 - 5 %
α - selinene	1 - 4 %
veridiflorol	2 - 8 %

GAS CHROMATOGRAPHIC ANALYSIS : comparable to standard
: see attached standard (K99.3)

STORAGE CONDITIONS : store at cool temperature (< 18⁰ C), protected from air and light.

SHELF LIFE : 36 months in its original sealed container.