



Artisan Aromatics
1708 Lena Street, #103
Santa Fe, NM 87505
(505) 231-9439

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Niaouli Oil, Madagascar

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: Niaouli Oil, Madagascar; CAS: 8014-68-4

Other identifiers: Niaouli Oil, Madagascar MelQui7 Melaleuca quinquenervia

Recommended use of the chemical and restrictions on use

Product uses: Essential Oil

Supplier Details

Company name: Artisan Aromatics

Company address: 1708 Lena Street, #103
Santa Fe, NM 87505

Contact: Stephanie Ariel

E-Mail address: hello@artisanaromatics.com

Company phone: 505-231-9439

Emergency telephone number

Emergency phone: ChemTel: 1-800-255-3924 (Domestic)

2. HAZARD IDENTIFICATION

Classification

This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of Flammable Liquid, Hazard Category 3
danger: Skin Corrosion / Irritation Category 2

Sensitization - Skin Category 1

Aspiration Hazard Category 1

Signal word: Danger

Hazard statements: Flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.

M factor: None

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Pictograms:



Precautionary statements:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing vapour or dust.
Wash hands and other contacted skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
Do not induce vomiting.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Product identifier: Niaouli Oil, Madagascar; CAS: 8014-68-4

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Contains:

Name	CAS	%	GHS Classification
Eucalyptol	470-82-6	50-100%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
alpha-Pinene	80-56-8	10-<20%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
d-Limonene	5989-27-5	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
alpha-Terpineol	98-55-5	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
p-Cymene	99-87-6	1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304
beta-Pinene	127-91-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
p-Mentha-1,4-diene	99-85-4	1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317
Terpinolene	586-62-9	0.1-<1%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1;H227-H304-H317
trans-Nerolidol	40716-66-3	0.1-<1%	Eye Irrit. 2B-Skin Sens. 1B;H317-H320
Linalool	78-70-6	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
Geraniol	106-24-1	<0.1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318
Citral	5392-40-5	<0.1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1;H315-H317-H319

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin exposure: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

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Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	124 °F / 51 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

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Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2209
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	

Additional Information

None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

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Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN1993	FLAMMABLE LIQUID, N.O.S. (Methyl 2-methylbutyrate, 3-Methylbutyraldehyde)	3	-	III
US DOT	None	-			-
US DOT (Bulk)	NA1993	COMBUSTIBLE LIQUID, N.O.S. (Methyl 2-methylbutyrate, 3-Methylbutyraldehyde)			III
IMDG	UN1993	FLAMMABLE LIQUID, N.O.S. (Methyl 2-methylbutyrate, 3-Methylbutyraldehyde, alpha-Pinene) MARINE POLLUTANT	3	-	III
ADR,RID,ADN	UN1993	FLAMMABLE LIQUID, N.O.S. (Methyl 2-methylbutyrate, 3-Methylbutyraldehyde)	3	-	III
ICAO TI	UN1993	FLAMMABLE LIQUID, N.O.S. (Methyl 2-methylbutyrate, 3-Methylbutyraldehyde)	3	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

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Additional information

None additional

16. OTHER INFORMATION

Key to revisions:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

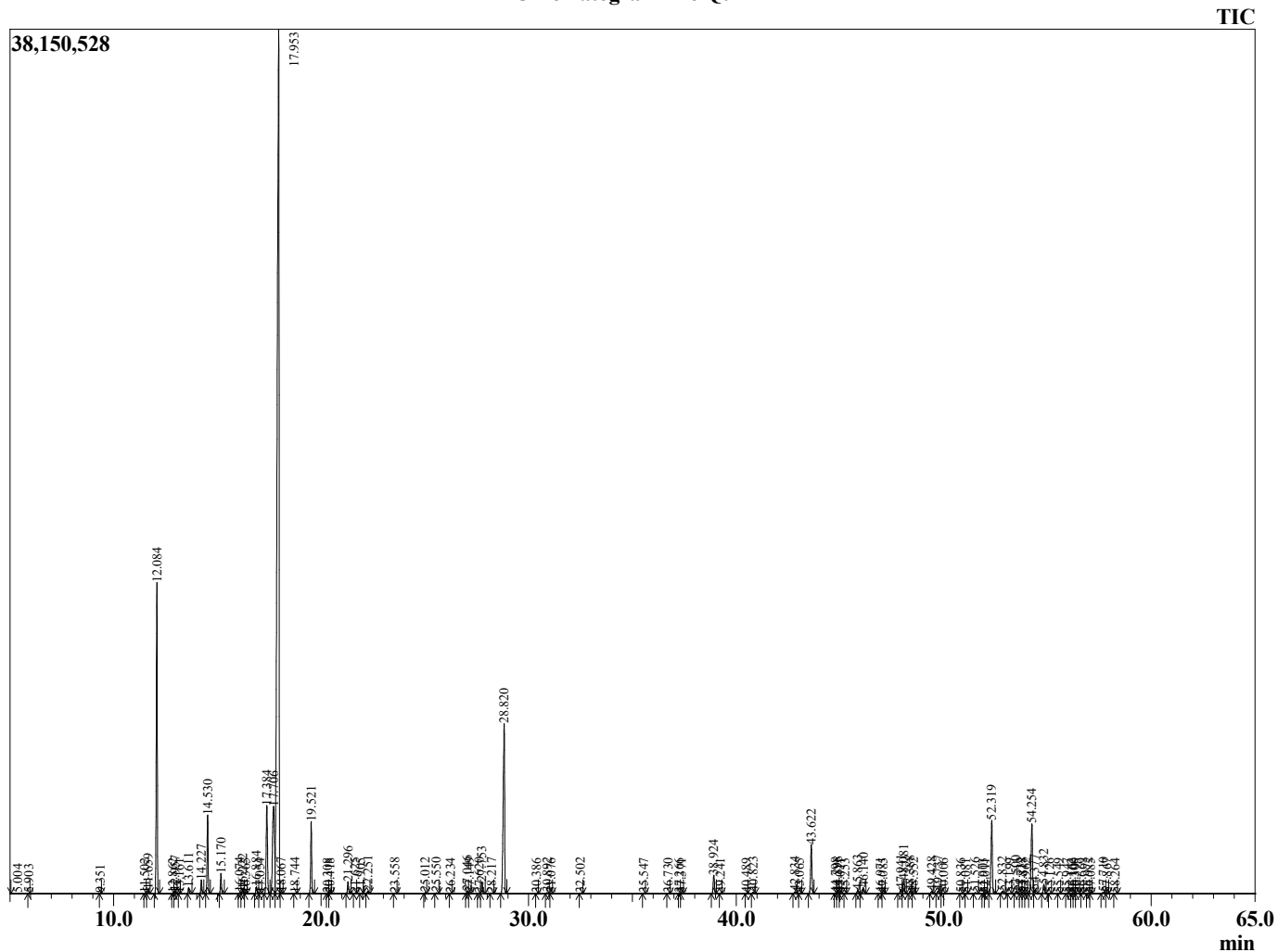
Sample Information

Analyzed by : T. Wortham
 Analyzed : 3/9/2022 9:11:02 PM
 Sample Type : Essential Oil
 Sample Name : MelQui7
 Injection Volume : 0.10 µL
 Lot Number : K0F0224N
 Instrument : GC-2

Peak Report TIC

R.Time	Name	Area%
3.888	3-Methylbutanal	0.02
5.004	1-Pentanol	0.01
5.903	alpha-Methyl methylbutyrate	0.01
9.351	2-Methylbutyl acetate	0.00
11.502	Tricyclene	0.01
11.659	alpha-Thujene	0.12
12.084	alpha-Pinene	9.74
12.862	alpha-Fenchene	0.01
12.957	Camphene	0.07
13.161	Thuja-2,4(10)-diene	0.00
13.611	Benzaldehyde	0.18
14.227	Sabinene	0.44
14.530	beta-Pinene	2.50
15.170	Myrcene	0.66
16.074	Pseudolimonene	0.03
16.222	alpha-Phellandrene	0.15
16.365	delta-3-Carene	0.01
16.884	alpha-Terpinene	0.23
17.054	ortho-Cymene	0.01
17.384	para-Cymene	3.64
17.706	Limonene	5.62
17.953	1,8-Cineole	52.54
18.067	cis-beta-Ocimene	0.04
18.744	trans-beta-Ocimene	0.02
19.521	gamma-Terpinene	2.40
20.308	cis-Linalool oxide (furanoid)	0.01
20.418	Pinol	0.01
21.296	Terpinolene	0.42
21.625	para-Cymenene	0.02
21.905	Methyl benzoate	0.02
22.251	Linalool	0.09
23.558	alpha-Fenchol	0.02
25.012	trans-Pinocarveol	0.03
25.550	Isopulegol	0.03
26.234	Neoisoisopulegol	0.01
27.046	delta-Terpineol	0.09
27.149	Borneol	0.02
27.620	Unidentified	0.03
27.753	Terpinen-4-ol	0.46
28.217	para-Cymen-8-ol	0.03
28.820	alpha-Terpineol	7.92
30.386	trans-Carveol	0.00
30.892	Unidentified	0.03
31.076	cis-para-Mentha-1(7),8-dien-2-ol	0.01
32.502	Geraniol	0.02
35.547	Methyl thiobenzoate	0.01
36.730	delta-Terpinyol acetate	0.02
37.266	Unidentified	0.01
37.371	Myrtenyl acetate	0.01
38.924	alpha-Terpinyol acetate	0.75
39.241	Eugenol	0.01
40.489	Isolodene	0.01
40.823	alpha-Copaene	0.06
42.834	alpha-Gurjunene	0.08
43.065	Dodecanal	0.01
43.622	beta-Caryophyllene	2.07
44.798	beta-Copaene	0.03
44.898	Unidentified	0.07
45.011	alpha-Guaiene	0.02
45.253	Selina-5,11-diene	0.01
45.863	alpha-Humulene	0.16
46.140	Alloaromadendrene	0.24

Chromatogram MelQui7



R.Time	Name	Area%
46.971	Selina-4,11-diene	0.03
47.085	trans-Cadina-1(6),4-diene	0.02
47.941	beta-Selinene	0.19
48.081	Viridiflorene	0.59
48.388	alpha-Selinene	0.10
48.552	alpha-Muurolene	0.03
49.428	gamma-Cadinene	0.10
49.737	delta-Cadinene	0.13
50.006	Zonarene	0.01
50.836	alpha-Cadinene	0.01
51.081	Unidentified	0.00
51.526	Elemol	0.05
51.903	cis-Nerolidol	0.01
52.011	Unidentified	0.01
52.319	trans-Nerolidol	3.19
52.832	Palustrol	0.12
53.199	Unidentified	0.01
53.500	Caryophyllene oxide	0.11
53.732	Globulol	0.04
53.818	Gleenol	0.03
53.962	Unidentified	0.01
54.254	Viridiflorol	3.13
54.377	Cubeban-11-ol	0.15
54.832	Ledol	0.39
55.126	Humulene epoxide II	0.01
55.549	alpha-Colocalene	0.02
55.947	Eudesm-5-en-11-ol	0.01
56.162	1-epi-Cubenol	0.01
56.300	Eremoligenol isomer	0.01
56.395	gamma-Eudesmol	0.02
56.669	Caryophylla-4(12),8(13)-dien-5-beta-ol	0.01
56.972	tau-Cadinol	0.03
57.085	epi-alpha-Cadinol	0.01
57.710	alpha-Eudesmol	0.08
57.867	Intermedeol	0.01
58.264	Bulnesol	0.01
		100.00