

## **SAFETY DATA SHEET**

**In accordance with 29 CFR 1910.1200**

**Product:** Cajeput Oil

**Version:** 1

### **1. IDENTIFICATION**

#### **Product Identifier**

**Product identifier:** Cajeput Oil; CAS: 8008-98-8

**Other identifiers:** Cajeput Oil MelCaj2 Melaleuca cajuputi

#### **Recommended use of the chemical and restrictions on use**

**Product uses:**

#### **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

Eye Damage / Irritation Category 2A

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.  
Causes serious eye irritation.

**M factor:** None



## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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**Version:** 1

**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.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Do not induce vomiting.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: 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

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## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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**Version:** 1

**Contains:**

Name	CAS	%	GHS Classification
Eucalyptol	470-82-6	50-100%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
alpha-Terpineol	98-55-5	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A; H227-H315-H319
l-Limonene	5989-54-8	5-<10%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
alpha-Pinene	80-56-8	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317
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
Terpinolene	586-62-9	1-<5%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1; H227-H304-H317
Linalool	78-70-6	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
delta-3-Carene	13466-78-9	<0.1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317

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.

Causes serious eye irritation.

#### 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.



## **SAFETY DATA SHEET**

In accordance with 29 CFR 1910.1200

**Product:** Cajeput Oil

**Version:** 1

### **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**



## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Cajeput Oil

**Version:** 1

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

<b>Appearance:</b>	Not determined
<b>Odor:</b>	Not determined
<b>Odor threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	122 °F / 50 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapor pressure:</b>	Not determined
<b>Vapor density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b><u>Other information:</u></b>	None available

## 10. STABILITY AND REACTIVITY

### Reactivity:

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



## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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**Version:** 1

**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**

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3870 mg/kg
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2A
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	

**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

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Cajeput Oil

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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:
<b>UN Model Regulations</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>US DOT</b>	None	-			-
<b>US DOT (Bulk)</b>	NA1993	COMBUSTIBLE LIQUID, N.O.S. (Eucalyptol, l-Limonene)			III
<b>IMDG</b>	UN1169	EXTRACTS, AROMATIC, LIQUID (l-Limonene) MARINE POLLUTANT	3	-	III
<b>ADR,RID,ADN</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>ICAO TI</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	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**

RIFM ID Number: 496-E2.12

LM Unique Identifier: LM6181

**Additional information**

None additional

### 16. OTHER INFORMATION

**Key to revisions:**



**Artisan**  
AROMATICS

## **SAFETY DATA SHEET**

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**Version:** 1

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.



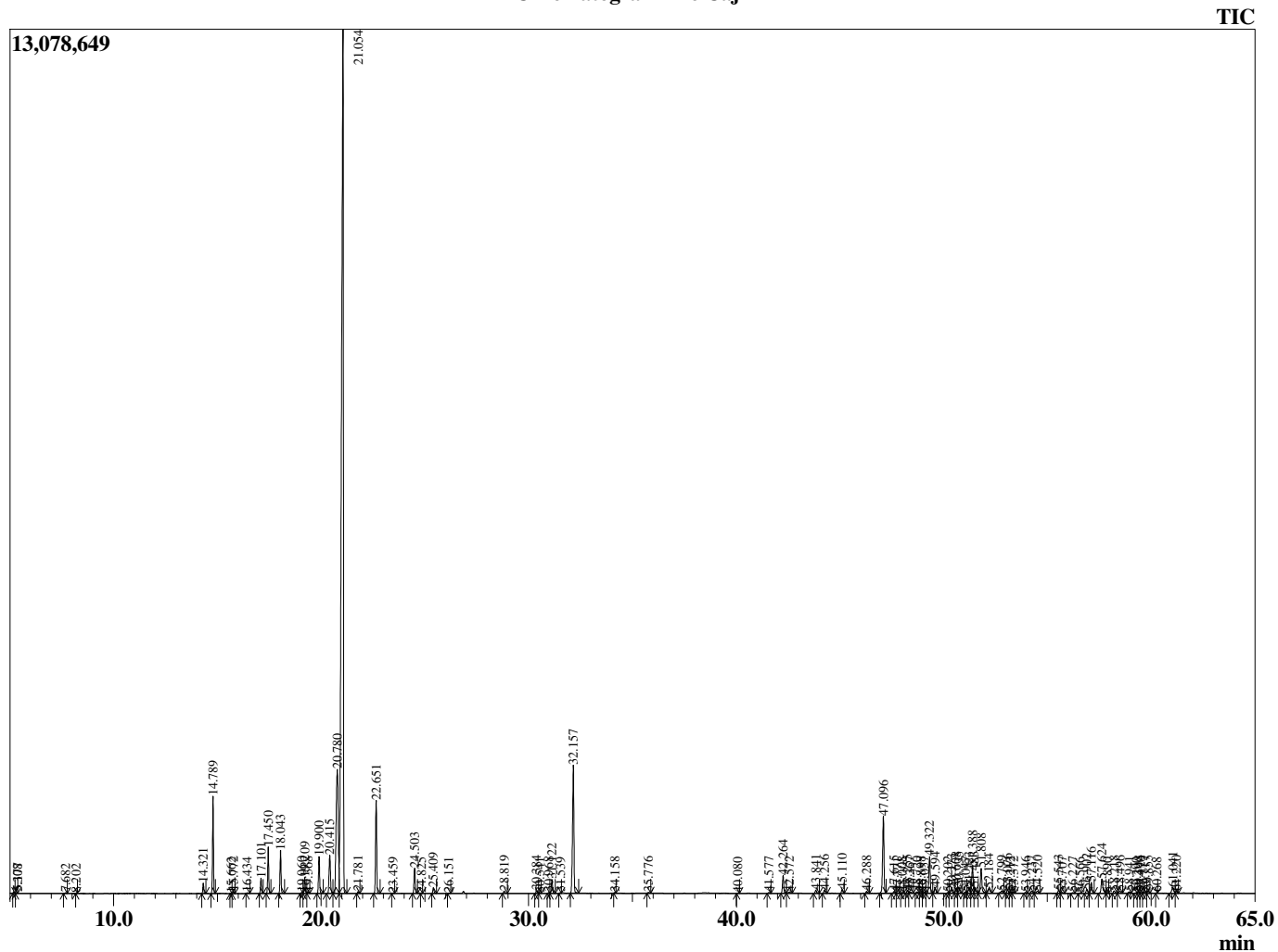
### Sample Information

Analyzed by : A. Mattingly  
 Analyzed : 2/25/2021 11:57:11 PM  
 Sample Type : Essential Oil  
 Sample Name : MelCaj2  
 Injection Volume : 0.10  
 Lot Number : H0D0922E [1-4]  
 Instrument : GC-2

### Peak Report TIC

R.Time	Name	Area%
5.177	3-Methylbutanal	0.03
5.308	2-Methylbutanal	0.01
7.682	Methyl 2-methylbutyrate	0.02
8.202	Acetylbutyryl	0.01
14.321	alpha-Thujene	0.32
14.789	alpha-Pinene	2.99
15.662	alpha-Fenchene	0.01
15.772	Camphene	0.05
16.434	Benzaldehyde	0.03
17.101	Sabinene	0.50
17.450	beta-Pinene	1.53
18.043	Myrcene	1.44
19.060	Pseudolimonene	0.04
19.209	alpha-Phellandrene	0.56
19.368	delta-3-Carene	0.05
19.900	alpha-Terpinene	1.34
20.415	para-Cymene	1.73
20.780	Limonene	8.55
21.054	1,8-cineole	54.77
21.781	(E)-beta-Ocimene	0.06
22.651	gamma-Terpinene	3.39
23.459	cis-Linalool oxide (furanoid)	0.01
24.503	Terpinolene	0.95
24.825	para-Cymenene	0.02
25.409	Linalool	0.20
26.151	cis-Rose oxide	0.01
28.819	Camphor	0.11
30.384	delta-Terpineol	0.12
30.541	Borneol	0.02
30.968	Unidentified	0.03
31.122	Terpinen-4-ol	0.55
31.539	para-Cymen-8-ol	0.03
32.157	alpha-Terpineol	5.68
34.158	Citronellol	0.03
35.776	Geraniol	0.03
40.080	Unidentified	0.01
41.577	delta-Elemene	0.04
42.264	alpha-Terpinyl acetate	0.73
42.572	Eugenol	0.06
43.841	alpha-Ylangene	0.15
44.256	alpha-Copaene	0.14
45.110	beta-Elemene	0.16
46.288	alpha-Gurjunene	0.09
47.096	trans-beta-Caryophyllene	3.45
47.615	gamma-Elemene	0.09
47.771	Unidentified	0.03
48.008	alpha-Guaiene	0.03
48.255	Aromadendrene	0.13
48.367	6,9-Guaiaadiene	0.08
48.720	Unidentified	0.07
48.898	Unidentified	0.04
49.057	Valerna-4,7(11)-diene	0.05
49.322	alpha-Humulene	1.60
49.594	Alloaromadendrene	0.24
50.202	4,5-di-epi-Aristolochene	0.03
50.373	Unidentified	0.22
50.608	Unidentified	0.24
50.735	alpha-Amorphene	0.27
51.047	Unidentified	0.05
51.223	delta-Selinene	0.28
51.388	beta-Selinene	1.25
51.483	Viridiflorene	0.27

### Chromatogram MelCaj2



R.Time	Name	Area%
51.808	alpha-Selinene	1.21
52.184	Unidentified	0.26
52.799	gamma-Cadinene	0.12
53.076	delta-Cadinene	0.18
53.212	Unidentified	0.06
53.372	Zonarene	0.04
53.946	Unidentified	0.03
54.237	Selina-4(15),7(11)-diene	0.10
54.520	Selina-3,7(11)-diene	0.13
55.543	Germacrene B	0.13
55.707	Unidentified	0.05
56.227	Palustrol	0.03
56.566	Unidentified	0.02
56.902	Caryophyllene oxide	0.18
57.116	Globulol	0.47
57.624	Viridiflorol	0.78
57.890	Unidentified	0.01
58.218	Ledol	0.12
58.496	Humulene epoxide II	0.11
58.941	Unidentified	0.05
59.290	Unidentified	0.03
59.398	Unidentified	0.08
59.490	Unidentified	0.04
59.717	gamma-Eudesmol	0.12
59.855	1,10-di-epi-Cubenol	0.11
60.268	tau-Cadinol	0.02
61.041	alpha-Eudesmol	0.39
61.220	Unidentified	0.10
		100.00