



Material Safety Data Sheet
According to EU Regulation 1907/2006 in the current version

Date 19.12.2015
Version 2.0

CAJEPUT ESSENTIAL OIL, ORGANIC

1. Identification of the substance/preparation and trade name

Trade name: Cajeput essential oil, organic
Product resulting from biological agriculture certified by Ecocert Greenlife F32600
Utilization: aromatic raw material for cosmetic and professional use
Company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, Bihor-Romania,
Tel/Fax: +40259-436.755, www.elemental.eu
Emergency: RO: Biroul pentru Regulamentul Sanitar Internațional și Informare Toxicologică - Telefon de urgență 021 318 3606

2. Hazards Identification

Classification according to Regulation (EC) No 1272/2008:

Flam. Liq. 3 H226 Flammable liquid and vapour.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Xn; Harmful R65: Harmful: may cause lung damage if swallowed.

Xi; Sensitising R43: May cause sensitisation by skin contact.

N; Dangerous for the environment R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R10: Flammable.

Signal word Danger

Hazard-determining components of labelling: Limonene, Linalol

Hazard statements:

H226 Flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H304 May be fatal if swallowed and enters airways. H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P261 Avoid breathing

dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment. P264 Wash thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P405 Store locked up. P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

Results of PBT and vPvB assessment: PBT: Not applicable. vPvB: Not applicable.



3. Composition / Information on ingredients



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INCI-name: Melaleuca Leucadendron Cajaputi Oil
CAS-number: 85480-37-1 EINECS-no: 287-316-4
Substance: CNS, Complex natural substance (100% pure and natural), Essential Oil from organic agriculture
Dangerous components:
Cineols <= 70%
CAS: 470-82-6 EINECS: 207-431-5 R10 Flam. Liq. 3, H226
Alpha terpineol <= 12%
CAS: 98-55-5 EINECS: 202-680-6 Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319
d-Limonene (p-Mentha-1,8-diene) <= 7%
CAS: 5989-27-5 EINECS: 232-433-8 Index number: 601-029-00-7 RTECS: GW 6360000
Xn R65 Xi R38 Xi R43 N R50/53 R10
Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Skin Irrit. 2, H315; Skin Sens. 1, H317
Linalool <= 5%
CAS: 78-70-6 EINECS: 201-134-4 RTECS: RG Xi R38 Skin Irrit. 2, H315

4. First Aid

After excessive inhalation: Move exposed person to fresh air. Keep the person warm and at rest. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.

First aid after Skin contact: Remove contaminated clothing. Rinse affected area with plenty of water. Contact a physician if symptoms persist.

First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if irritation occurs.

First aid after Ingestion: Rinse mouth with water. Drink 0,2 Ltr of water. Move exposed person to fresh air. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.

5. Fire-fighting Measures

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide, sand or earth
Unsuitable extinguishing: Direct waterjet
Special protective equipment: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Fire and explosion protection: Avoid open flames. Toxic vapours must be avoid during fire. Respiratory protection should be released during fire.
Other information: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental release measures:

Personal precautions: Provide adequate ventilation, avoid contact with skin and eye contact. Use individual



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Environmental precautions	protective equipment (safety glasses, waterproof-boots, suitable protective clothing). Don't smoke. Prevent any contact with hot surfaces (see rubric 8).
Land spill:	Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.
Water spill:	Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.
Methods for cleaning up:	Contain spilled material, cover with an inert, non-combustible, inorganic, absorbent material and destroy according to the regulation in force.

7. Handling and Storage

Precautions for safe handling:

To avoid splashing into the eyes and mucous membranes and following the arrangement of the workplace and manipulations, wearing glasses and special clothing may be indicated. It is prohibit smoking in areas where they are handled. Do not heat with a naked flame or expose their vapors to a flame or other sources of ignition (eg electrical equipment). Do not abundantly breathe vapors. Large spillages should be contained with sand or inert powder.

Conditions for safe storage:

Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container

8. Exposure Controls and Personal Protection

Respiratory protection:	Avoid to breath directly on the product. Ensure a good ventilation of the workroom. Suitable respiratory protective device recommended, EN 149 approved respirator.
Hand protection:	Use protective gloves
Eye protection:	Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes Before handling, wear safety goggles in accordance with standard EN166.
Physical protection:	Use individual protective equipment



9. Physical and Chemical Properties

Appearance:	liquid at room temperature
Colour:	colourless to yellow pale
Odour:	typical
Flash point:	+ 45°C closed cup
Specific gravity at 20°C:	0.897 - 0.925
Refractive index at 20°C:	1.458 - 1.472
Optical rotation at 20°C:	-4° to +2°



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Solubility(ies): insoluble in water; soluble in ethanol and vegetable oil

10. Stability and Reactivity

Stability: No significant modifications, respecting the storage conditions (see rubric 7).
Reactivity: This product is stable to shock, vibration and pressure under normal conditions of use. In the presence of light and heat, oxidation can occur.
Conditions to avoid: Do not heat to high temperature. Do not expose sealed containers in the sun. Keep away from sources of ignition.
Substances to avoid: Avoid contacts with strong acids, alkali or oxidizing agents.

11. Toxicological Information

Ill effect by absorption: LD org. 50: >5000 mg/kg (rbt)
Ill effect by dermal contact: LD derm. 50: 3870 mg/kg (rat)
IFRA restrictions: Not available
Primary irritant effect: On the skin: Irritant to skin and mucous membranes. On the eye: No specific health warnings noted.
Ingestion: Harmful if swallowed. May be fatal if swallowed and enters airways. Inhalation: No specific health warnings noted. Sensitization: Sensitization possible through skin contact.
Germ cell mutagenicity: Not available
Carcinogenicity: Not available
Reproductive toxicity: Not available
Residual solvents: not applicable

12. Ecological Information

Prevent contamination of soil, ground and surfacewater. Biodegradability not determined.
Mobility in soil not determined. Toxic to aquatic organisms, resulting in long-term adverse effects.



13. Disposal Considerations

Recommendation: In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

14. Transport Information

UN no: 1169
Road (ADR/RID): III, Class 3, Label 3, 1169, EXTRACTS, AROMATIC, LIQUID, Environmentally HAZARDOUS
Air (IATA/ICAO): III, Class 3, Label 3, EXTRACTS, AROMATIC, LIQUID
Sea (IMDG): Class 3, EXTRACTS, AROMATIC, LIQUID, Marine pollutant
MARPOL73/78: Not applicable Tunnel restriction code D/E

15. Additional Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008. Hazard statements: Please refer section 2.



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Chemical safety assessment: has not been carried out

16. Other Information

DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

INCI Name	CAS No	Contents in %
AMYL CINNAMAL	122-40-7	0
BENZYL ALCOHOL	100-51-6	0
CINNAMYL ALCOHOL	104-51-6	0
CITRAL	5392-40-5	0
EUGENOL	97-53-0	0
HYDROXYCITRONELLAL	107-75-5	0
ISO EUGENOL	97-54-1	0
AMYL CINNAMYL ALCOHOL	101-85-9	0
BENZYL SALICYLATE	118-58-1	0
CINNAMAL (Cinnamic Aldehyde)	104-55-2	0
COUMARIN	91-64-5	0
GERANIOL	106-24-1	0
CYCLOHEXENE	31906-04-4	0
ANISYL ALCOHOL (Anise alcohol)	105-13-5	0
BENZYL CINNAMATE	103-41-3	0
FARNESOL	4602-84-0	0
2-(TERT-BUTYL PROPIONALDE) (Lilial)	80-54-6	0
LINALOOL	78-70-6	<= 5
BENZYL BENZOATE	120-51-4	0
CITRONELLOL (Hexyl Cinnamal)	106-22-9 101-86-0	0 0
d-LIMONENE	5989-27-5	<= 7
METHYL HEPTINE CARBONATE	111-12-6	0
2-CYCLOHEXINE-1-YL)-3-	127-51-5	0
OAK MOSS EXTRACT (Evernia Prunastri)	90028-68-5	0
TREE MOSS EXTRACT (Evernia Furfuracea)	90028-67-4	0

Disclaimer

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.