







# Safety Data Sheet

## Nature's Essence

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Cajeput oil				
Biological Definition	The volatile oil obtained by steam distillation of leaves and twigs of <i>Melaleuca leucadendron</i> L. (fam. Myrtaceae).				
INCI Name	Melaleuca leucadendron cajeputi leaf oil				
Synonyms & Trade Names	Cajuput oil Chinese				
Supplier	Nature's Essence, Upper Hill Street, Blaenavon, Torfaen NP4 9NN				
Reach Registration Number	N/A				
(According to EU Reg 1907/2006)					
FEMA No.	2225	FDA No.	\$172.510	CoE No.	276
CAS---No	8008-98-8	EC No.	287-316-4	EINECS No.	287-316-4

### 02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xn+N; R10-43-51/53-65, S24-37-61-62				
Classification (EC 1272/2008)	UN-GHS: FL 3, ATO 5(3900), AH 1, SCI 2, SS 1, EH A2,C2 EU-CLP: FL 3, AH 1, SCI 2, SS 1, EH A2,C2				
Label in accordance with (EC) No 1272/2008	    GHS09 GHS07 GHS08 GHS02				
Signal Word	Danger				
Contains	Cineoles, alpha-terpineol, limonene, pinenes, linalool, beta-myrcene				
Hazard Statements	H226 Flammable liquid & vapour H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H411 Toxic to aquatic life with long-lasting effects				
Precautionary Statements	P301/310 IF SWALLOWED immediately call a POISON CENTRE/doctor/physician P331 No NOT induce vomiting P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection P273 Avoid release to the environment				
Supplementary Precautionary Statements	P391 Collect spillage				



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PBT or vPvB according to Annex XIII	No
Adverse physio---chemical properties	Combustible but will not self-ignite
Adverse effects on human health	May cause sensitisation/irritation by skin contact

#### 03. COMPOSITION/INFORMATION ON INGREDIENTS

71% Cineoles UN-GHS: ATO 5(2500); SCI 3
6.5% alpha-Terpineol UN-GHS: ATO 5(4300); SCI 2; EDI 2A
3.5% Pinenes UN-GHS: ATO 5(3700), SCI 2, SS 1
3% Linalool UN-GHS: ATO 5(3000), EDI 2A, EH A3, SCI 2
2% beta-Myrcene UN-GHS: EDI 2A, SCI 2

#### 04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

#### 05. FIRE-FIGHTING MEASURES

Extinguishing Media	Use CO <sub>2</sub> , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.



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Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray



#### 06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

#### 07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	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.

#### 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	  Goggles      Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapour.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required



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Hygiene Measures	Wash hands with soap & water after handling
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### 09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile liquid
Colour	Colourless to pale yellow-green
Odour	Cineolic, terpinic, reminiscent of Eucalyptus
Relative Density	0.905 to 0.935 @ 20°C
Flash Point (°C)	48 c/c
Refractive Index	1.461 to 1.472 @ 20°C
Melting Point (°C)	Not specified
Boiling Point (°C)	Not specified
Vapour Pressure	175kPa to 300kPa @ 50°C
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	Not determined

### 10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

### 11. TOXOLOGICAL INFORMATION

Acute Toxicity	Acute Oral toxicity LD50 orl-rat 3870mg/kg <i>FCT 2</i> , 327 (1964)
Skin corrosion/irritation	Skin corrosion/irritation Category 2 under EC1272/2008
Serious eye damage/irritation	Not categorised under EC 1272/2008 but potential for damage exists – wear goggles when handling
Respiratory or skin sensitisation	Skin sensitiser Category 1 under EC 1272/2008 – wear gloves when handling



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Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not a reprotoxicant
STOT---single exposure	No data found
STOT---repeated exposure	Not data found
Aspiration hazard	Aspiration hazard Category 1 under EC 1272/2008
Photo---toxicity	Not photo-toxic
Other Information	None

#### **12. ECOLOGICAL INFORMATION**

Ecotoxicity	Aquatic chronic hazard Category 2 according to EC 1272/2008
Mobility	Data not available
Persistence & Biodegradability	Data not available
Bioaccumulation Potential	Data not available
PBT Assessment results	Not found
Precautions	Do not discharge into the environment especially into waterways or the sea.

#### **13. DISPOSAL CONSIDERATIONS**

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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### 14. TRANSPORT INFORMATION

Warning Icon	
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID
UN No. Road	UN 1169
ADR Class	Class 3
Hazard No (ADR)	30
Hazchem Code	•3YE
UN No. SEA	UN 1169
IMDG Class	Class 3
IMDG Pack Gr.	Pk Gp III
EMS	F-E, S-D
UN No. AIR	UN 1169
Air Class	Class 3
Air Pack Gr.	Pk Gp III



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### 15. REGULATORY INFORMATION

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

### 16. OTHER INFORMATION

Revision Date	02/2015
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	R10 Flammable R43 May cause sensitisation by skin contact R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 Harmful, may cause lung-damage if swallowed
Hazard Statements in Full	H226 Flammable liquid & vapour H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H411 Toxic to aquatic life with long-lasting effects
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011

**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.