

CERTIFICATE OF ANALYSIS

Batch number: 4515906 Name: CAJEPUT OIL ORGANIC

Best Before Date: August 2026

TESTS	METHOD	MIN.	MAX.	RESULT	UNIT
APPEARANCE - CLEAR TO YELLOWISH LIQUID	Internal Method			Passed	
Relative Density (20/20 Deg C)	Internal Method	0,868	0,930	0,918	
Refractive Index at 20 Deg C: (RI20)	Internal Method	1,4620	1,4820	1,4670	
Organoleptic Assessment (ORGANO)	Internal Method			Passed	
O.R. @ 20 deg C	Internal Method	-4,0	2,0	-1,1	
1,8 Cineole by GLC (area%)	Internal Method	52,0	65,0	59,5	
Alpha terpineol by GLC(area %)	Internal Method	9,0	16,0	12,2	
Linalool by GLC (area %)	Internal Method	2,0	4,5	2,9	
Gamma terpinene by GLC(area %)	Internal Method	0,7	3,0	1,1	
Limonene by GLC(area%)	Internal Method	2,0	7,0	5,4	

The specifications mentioned above have to be considered as technical information. However, since MADAR Corporation Limited as a material supplier is unable to exercise any control over the use of the products, including designing, testing, specifying a compound or product incorporating any of the products, is the sole responsibility of the buyer who shall assume any consequences thereof, whether direct or indirect, and whatsoever its nature, and the seller makes no warranties in respect thereof.

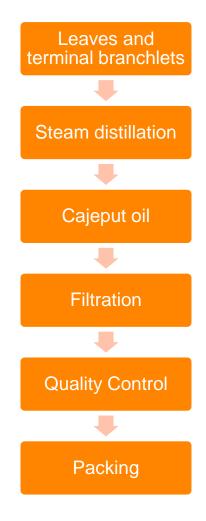
Above information does not release the customer from making their own controls upon receipt of the product.



September 3, 2020

Production Flow Chart

Product: Cajeput Oil Organic



The information contained herein is based on the present state of our knowledge. The validity of this document is one year from the issue date.

Customers are reminded that safety data sheets and other product information including instructions, recommendations and suggestions as to the suitability of the products for any particular purpose or for use under any specific conditions or the safety of the product are based on our current state of knowledge only. Any information provided is presented to the Customer as accurately as possible and in good faith but is not guaranteed.

The Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for the adherence to the legal and regulatory environment and constraints within which the Customer operates in.

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09 September 2020

PRODUCT INFORMATION SHEET

PRODUCT NAME	CAJEPUT OIL ORGANIC VN

REGULATORY INFORMATION

BOTANICAL NAME	Melaleuca leucadendron cajeputi
INCI NAME	MELALEUCA LEUCADENDRON CAJEPUTI LEAF
	OIL
CAS NUMBER	85480-37-1/8008-98-8
EINECS NUMBER	287-316-4
REACH STATUS	01-2120119954-57-XXXX
COUNTRY OF MANUFACTURE	VIETNAM
PRODUCTION METHOD	STEAM DISTILLATION
SUITABLE FOR FRAGRANCE /	YES
COSMETIC USE	
SUITABLE FOR VEGAN	YES
SUITABLE FOR VEGETARIAN	YES

INGREDIENT AND OTHER INFORMATION

INGREDIENT GRADE/QUALITY	100% Pure & Natural	
GMO LABELLING IN ACCORDANCE WITH REGULATONS (EC) 1829/2003 and (EC) 1830/2003	According to the publication of these regulations, this product: - Is not a GMO - Does NOT derived from GMO - Does NOT contain GMO - Does NOT use GMO in the production and manufacturing processes. All reasonable steps have been taken to avoid contamination from GMOs or their derivatives.	
RESIDUAL SOLVENT (AS DEFINED UNDER DIRECTIVE 2009/32/EC)	This product does NOT use or contain any residual solvents.	
COMPLIANCE TO COSMETIC REGULATION (EC) 1223/2009	This product complies with the requirements of Regulation 1223/2009 for cosmetic products.	

MYSTIC M@MENTS

COMPLIANCE TO IFRA	This product contains the following substances, restricted/prohibited or specified by IFRA 49 th Amendement Standards:			
	Substance	CAS No.	MAX %	Type
	Benzaldehyde	100-52-7	0.15	Restricted
	Eugenol	97-53-0	0.10	Restricted
	Geraniol	106-24-1	0.50	Restricted
	Limonene	5989-54-8	7.00	Specified
	Linalool	78-70-6	4.50	Specified
COSMETIC ALLERGENS	This product contains the following fragrance allergens, which is/are subject to special labelling requirements under Annex III of the (EC) 1223/2009 by the 7th amendment (2003/15/EC).			
	INCI Name	CAS No.	MAX %	
	Eugenol	97-53-0	0.10	
	Geraniol	106-24-1	0.50	
	Limonene	5989-54-8	7.00	
	Linalool	78-70-6	4.50	
CMR COMPONENTS PRESENT AT GREATER THAN 0.01%	None			
NANOMATERIAL	This product do subject to any			articles or
ANIMAL TESTING	This product co	•	_	, ,
	1223/2009 on	•		_
	animal testing	for purposes o	of compliance	with that
	regulation.			
BSE/TSE	This product is materials prod animal origin.			•
KOSHER STATUS	This product is Certificate is a			
HALAL STATUS	This product is standards. Compliance is	produced in a	ccordance w	

The information contained herein is based on the present state of our knowledge. The validity of this document is one year from the issue date.



SAFETY DATA SHEET CAJUPUT EXT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name CAJUPUT EXT

Synonyms; trade

names CAJEPUT ESSENTIAL OIL, CAJEPUT OIL ORGANIC VN, CAJEPUT OIL ORGANIC VN

PFM

REACH registration number 01-2120119951-57-XXXX

CAS number 85480-37-1

EC number 287-316-4

FEMA 2225

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cosmetics Flavouring

1.3. Details of the supplier of the safety data sheet

Supplier Madar Corporation Limited

19 - 20 Samdleheath Industrial Estate

Fordingbridge SP6 1PA

technical@madarcorporation.co.uk

1.4. Emergency telephone number

Emergency telephone SGS - +44 (0)1425 655 555

Sds No. 60628

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

EC number 287-316-4

Hazard pictograms









Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye 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, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

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

Contains

EUCALYPTOL, I-LIMONENE, LINALOOL

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

EUCALYPTOL 30-60%

CAS number: 470-82-6 EC number: 207-431-5 REACH registration number: 01-

2119967772-24-XXXX

Classification

Flam. Liq. 3 - H226 Skin Sens. 1B - H317

1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL

10-30%

CAS number: 98-55-5 EC number: 202-680-6 REACH registration number: 01-

2119980717-23-XXXX

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

CAJUPUT EXT

LINALOOL 1-5%

CAS number: 78-70-6 EC number: 201-134-4 REACH registration number: 01-

2119474016-42-XXXX

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317

I-LIMONENE 1-5%

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

2-CYANO-2-[2,3-DIHYDRO-3-(TETRAHYDRO-2,4,6-TRIOXO-5(2H)-PYRIMIDINYLIDENE)-1H-ISOINDOL-1-

1-5%

YLIDENE]-N-METHYLACETAMIDE

CAS number: 99-85-4 EC number: 202-794-6

Classification
Not Classified

The full text for all hazard statements is displayed in Section 16.

Product name CAJUPUT EXT

REACH registration number 01-2120119951-57-XXXX

CAS number 85480-37-1 **EC number** 287-316-4

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Get medical attention if symptoms are severe or persist.

Ingestion Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to

drink. Get medical attention if symptoms are severe or persist.

Skin contactTake off immediately all contaminated clothing. Wash skin thoroughly with soap and water.

Continue to rinse. Get medical attention if symptoms are severe or persist.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide

apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe

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

4.2. Most important symptoms and effects, both acute and delayed

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically. Contact specialist immediately poison treatment if large quantities

have been ingested or inhaled

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

combustion Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or

vapours.

5.3. Advice for firefighters

Protective actions during

firefighting

Cool containers exposed to heat with water spray and remove them from the fire area if it can

be done without risk.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of

vapours and contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled

discharges into watercourses must be reported immediately to the Environmental Agency or

other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with

plenty of water. Collect and place in suitable waste disposal containers and seal securely.

Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and

dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautionsWear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation

of vapours and contact with skin and eyes. In case of insufficient ventilation, wear suitable

respiratory equipment. Provide adequate ventilation.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash hands and any other contaminated

areas of the body with soap and water before leaving the work site. 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid

exposure to high temperatures or direct sunlight. Unsuitable container materials: Polyvinyl

chloride (PVC).

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

EUCALYPTOL (CAS: 470-82-6)

DNEL Workers - Dermal; Long term systemic effects: 2 mg/kg

Workers - Inhalation; Long term systemic effects: 7.05 mg/kg Consumer - Dermal; Long term systemic effects: 1 mg/kg/day Consumer - Inhalation; Long term systemic effects: 1.74 mg/m³

PNEC STP; 10 mg/l

Soil; 0.2 mg/kg

Fresh water; 0.057 mg/l marine water; 0.0057 mg/l

Sediment (Freshwater); 0.06732 mg/kg Sediment (Marinewater); 0.00673 mg/kg

LINALOOL (CAS: 78-70-6)

Ingredient comments No exposure limits known for ingredient(s).

DNEL Industry - Dermal; Short term systemic effects: 5 mg/kg/day

Industry - Inhalation; Short term systemic effects: 16.5 mg/m³ Industry - Dermal; Long term systemic effects: 2.5 mg/kg/day Industry - Inhalation; Long term systemic effects: 2.8 mg/m³ Consumer - Dermal; Short term systemic effects: 2.5 mg/kg/day Consumer - Inhalation; Short term systemic effects: 4.1 mg/m³ Consumer - Oral; Short term systemic effects: 1.2 mg/kg/day Consumer - Inhalation; Long term systemic effects: 0.7 mg/m³ Consumer - Oral; Long term systemic effects: 0.2 mg/kg/day Consumer - Dermal; Short term local effects: 15 mg/cm² Workers - Dermal; Long term local effects: 15 mg/cm²

Consumer - Dermal; Long term local effects: 15 mg/cm²

PNEC - Fresh water; 0.2 mg/l

- marine water; 0.02 mg/l

Sediment (Freshwater); 2.22 mg/kgSediment (Marinewater); 0.222 mg/kg

- Soil; 0.327 mg/kg - STP; > 10 mg/l

8.2. Exposure controls

Protective equipment







Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Wash at the end of each work shift and before eating, smoking and using the toilet. Wash

hands and any other contaminated areas of the body with soap and water before leaving the

work site.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Clear, to Yellowish. Colour

Odour Characteristic.

Odour threshold No information available. No information available. pН

Melting point -20°C

157 - 210°C @ 101.1 kPa Initial boiling point and range

54.5 - 54.6°C Flash point

No information available. **Evaporation rate Evaporation factor** No information available. Flammability (solid, gas) No information available. Upper/lower flammability or No information available.

explosive limits

Other flammability No information available. 5.6 - 253 Pa @ 24 - 25°C Vapour pressure Vapour density No information available. Relative density 0.868 - 0.930 @ 20°C **Bulk density** No information available.

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Solubility(ies) Soluble in water.

Partition coefficient log Pow: 2.74 – 2.98

Auto-ignition temperature 270°C

Decomposition Temperature No information available. **Viscosity** No information available.

Explosive properties Not considered to be explosive.

Explosive under the influence

of a flame

No information available.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Refractive index 1.462 - 1.482

Particle size

No information available.

No information available.

Volatility

No information available.

Saturation concentration

No information available.

Critical temperature

No information available.

Volatile organic compound No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous

Under normal conditions of storage and use, no hazardous reactions will occur.

reactions

products

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Polyvinyl chloride (PVC).

10.6. Hazardous decomposition products

Hazardous decomposition

Does not decompose when used and stored as recommended. Thermal decomposition or

combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

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Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitroNo information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Reproductive toxicity -

No information available.

development

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion May be fatal if swallowed and enters airways. Ingestion may cause severe irritation of the

mouth, the oesophagus and the gastrointestinal tract.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Toxicological information on ingredients.

EUCALYPTOL

Acute toxicity - oral

Acute toxicity oral (LD50

2,480.0

mg/kg)

Species Rat

Notes (oral LD₅₀) LD₅₀ 2480 mg/kg, Oral, Rat

ATE oral (mg/kg) 2,480.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Serious eye damage/irritation

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Serious eye damage/irritation

No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity -

No information available.

fertility

Reproductive toxicity -

development

No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

.

Inhalation Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the

gastrointestinal tract.

Skin contact May cause an allergic skin reaction.

Eye contact May cause temporary eye irritation.

1-METHYL 4-ISO PROPYL-1-CYCLOHEXEN-8-OL

Acute toxicity - oral

Acute toxicity oral (LD50

4,300.0

mg/kg)

Species Rat

Notes (oral LD₅₀) LD₅₀ 4300 mg/kg, Oral, Rat

ATE oral (mg/kg) 4,300.0

Acute toxicity - dermal

Notes (dermal LD₅o) LD₅o > 3000 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin. Rabbit

Revision date: 03/10/2020 Supersedes date: 22/08/2018 Version number: 1.001

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Serious eye damage/irritation

Serious eye Irritating to eyes. Rabbit

damage/irritation

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 314 mg/kg, Oral, Rat (90 days; 7 days/week)

LINALOOL

Acute toxicity - oral

Acute toxicity oral (LD₅o

2,790.0

mg/kg)

Species Rat

Notes (oral LD₅₀) LD₅₀ 2790 mg/kg, Oral, Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 5,610.0

mg/kg)

Rabbit **Species**

Notes (dermal LD₅₀) LD₅₀ 5610 mg/kg, Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin. Rabbit

Serious eye damage/irritation

Slightly irritating. Rabbit Serious eye

damage/irritation

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction. - Rabbit: Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Carcinogenicity

No information available. Carcinogenicity

Reproductive toxicity

Reproductive toxicity -No information available.

fertility

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 117 mg/kg, Oral, Rat NOAEL 250 mg/kg, Dermal, Rat

CAJUPUT EXT

Aspiration hazard

Aspiration hazard No information available.

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Inhalation May cause respiratory irritation.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the

gastrointestinal tract.

Skin contact Irritating to skin. May cause an allergic skin reaction.

Eye contact Causes eye irritation.

SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Toxic to aquatic life.

Acute aquatic toxicity

Acute toxicity - fish LC_{50} , 96 hours: 280 – 60 930 µg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 307 – 100 000 μg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 450 – 66 850 µg/l, Algae

12.2. Persistence and degradability

Persistence and degradability The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient log Pow: 2.74 – 2.98

12.4. Mobility in soil

Mobility No information available.

Surface tension 56.17 mN/m @ 19.8°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty. Empty containers or liners may retain some

product residues and hence be potentially hazardous.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority.

SECTION 14: Transport information

General Wear protective clothing as described in Section 8 of this safety data sheet.

14.1. UN number

UN No. (ADR/RID) 1169
UN No. (IMDG) 1169
UN No. (ICAO) 1169
UN No. (ADN) 1169

14.2. UN proper shipping name

Proper shipping name

(ADR/RID)

EXTRACTS, AROMATIC, LIQUID

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID (CONTAINS I-LIMONENE)

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group

ICAO packing group

ADN packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-E, S-D

ADR transport category 3

Emergency Action Code 3Y

Hazard Identification Number 30

(ADR/RID)

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015. This product may impact SEVESO storage regulations.

Restrictions (Annex XVII Regulation 1907/2006)

This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE

 ${\tt MARKET} \ {\tt AND} \ {\tt USE} \ {\tt OF} \ {\tt CERTAIN} \ {\tt DANGEROUS} \ {\tt SUBSTANCES}, \ {\tt MIXTURES} \ {\tt AND}$

ARTICLES. Entry number: 3

Seveso Directive - Control of

major accident hazards

P5c E2

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

All the ingredients are listed or exempt.

SECTION 16: Other information

CAJUPUT EXT

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by

Inland Waterways.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

Kow: Octanol-water partition coefficient.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation

(EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by

Rail.

vPvB: Very Persistent and Very Bioaccumulative.

IARC: International Agency for Research on Cancer.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978.

cATpE: Converted Acute Toxicity Point Estimate.

BCF: Bioconcentration Factor.

BOD: Biochemical Oxygen Demand.

EC₅₀: 50% of maximal Effective Concentration.

LOAEC: Lowest Observed Adverse Effect Concentration.

LOAEL: Lowest Observed Adverse Effect Level.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.

NOEC: No Observed Effect Concentration.

LOEC: Lowest Observed Effect Concentration.

DMEL: Derived Minimal Effect Level.

EL50: Exposure Limit 50

hPa: Hectopascal

LL50: Lethal Loading fifty

OECD: Organisation for Economic Co-operation and Development

POW: Octanol-water partition coefficient SCBA: self-contained breathing apparatus

STP: Sewage Treatment Plant VOC: Volatile Organic Compounds

Classification abbreviations

Acute Tox. = Acute toxicity

and acronyms

Aquatic Acute = Hazardous to the aquatic environment (acute)

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and

sources for data

Supplier's information.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 03/10/2020

Version number 1.001

Supersedes date 22/08/2018

SDS number 60628

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

SDS status Approved.

Hazard statements in full H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

Signature Jitendra Panchal



CAJEPUT OIL ORGANIC VN

JULY 2020

INCI Name: Melaleuca Leucadendron Cajeputi Leaf Oil.

Test	<u>Specification</u>
Odour	Fresh, camphorous aroma with a fruity note.
Appearance	Clear to yellowish liquid.
Relative density @20°C	0.868 - 0.930
Refractive index @20°C	1.462 – 1.482
Optical rotation (°)	-4 to +2
1,8-cineole (%)	52 – 65
Alpha-Terpineol (%)	9 – 16
Limonene (%)	2 – 7
Linalool (%)	2 – 4.5
Gamma-Terpinene (%)	0.7 – 3

Conforms to the EU Cosmetic Regulation (EC 1223/2009) & Current IFRA Standard (48th Amendment)

Revision 00