CERTIFICATE OF ANALYSIS

Batch number: 4422311

Name: CAJEPUT OIL ORGANIC

Best Before Date: January 2024

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	

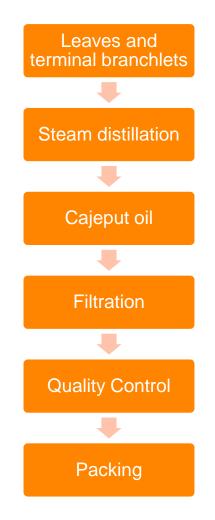
The specifications mentioned above have to be considered as technical information. However, since MADAR Corporation Limited as a material supplier is unable to exercise any control over the use of the products, including designing, testing, specifying a compound or product incorporating any of the products, 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	According to the publication of these regulations, this
ACCORDANCE WITH	product:
REGULATONS (EC) 1829/2003	- Is not a GMO
and (EC) 1830/2003	- 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	This product does NOT use or contain any residual
DEFINED UNDER DIRECTIVE	solvents.
2009/32/EC)	
COMPLIANCE TO COSMETIC	This product complies with the requirements of
REGULATION (EC) 1223/2009	Regulation 1223/2009 for cosmetic products.

COMPLIANCE TO IFRA	This product contains the following substances, restricted/prohibited or specified by IFRA 49 th Amendement Standards:			
	Substance	CAS No.	MAX %	Туре
	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 does NOT contain any nanoparticles or subject to any nanotechnology.			
ANIMAL TESTING	This product complies with Art.18 of Regulation (EC) 1223/2009 on cosmetic products concerning the ban on animal testing for purposes of compliance with that regulation.			
BSE/TSE	This product is NOT manufactured or contains any raw materials produced from or substances derived from animal origin.			
KOSHER STATUS	This product is Certificate is av			
HALAL STATUS	This product is produced in accordance with Halal standards. Compliance is statement is available upon request.			

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		
<u>1.1. Product identifier</u>		
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	of the substance or mixture and uses advised against	
Identified uses	Cosmetics Flavouring	
1.3. Details of the supplier of t	the safety data sheet	
Supplier	Madar Corporation Limited 19 - 20 Samdleheath Industrial Estate Fordingbridge SP6 1PA technical@madarcorporation.co.uk	
1.4. Emergency telephone nu	mber	
Emergency telephone	SGS - +44 (0)1425 655 555	
Sds No.	60628	
SECTION 2: Hazards identification		
2.1. Classification of the subs	tance 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.
Containa	

Contains

EUCALYPTOL, I-LIMONENE, LINALOOL

2.3. Other hazards

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

SECTION 3: Composition/inform	ation 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-C	YCLOHEXEN-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		

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-{
CAS number: 5989-54-8	EC number: 227-815-6	
M factor (Acute) = 1	M factor (Chronic) = 1	
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 TRIOXO-5(2H)-PYRIMIDIN YLIDENE]-N-METHYLACE	YLIDENE)-1H-ISOINDOL-1-	1-5
CAS number: 99-85-4	EC number: 202-794-6	
Classification Not Classified		
The full text for all hazard sta	atements 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	
Composition comments	The data shown are in accordance with the I	latest EC Directives.
SECTION 4: First aid measu	ires	
4.1. Description of first aid m	neasures	
nhalation	Move affected person to fresh air and keep were breathing. Get medical attention if symptoms	warm and at rest in a position comfortable for s are severe or persist.
Ingestion		warm and at rest in a position comfortable for er. Give a few small glasses of water or milk to e severe or persist.
Skin contact	Take off immediately all contaminated clothin Continue to rinse. Get medical attention if sy	ng. Wash skin thoroughly with soap and water. /mptoms are severe or persist.
Eye contact		nove any contact lenses and open eyelids wide es. Get medical attention if symptoms are seve lampshire, SP6 1PA, UK
	Tel: 01425 655555 Email: technical@madarc Page 7 of 20	orporation.co.uk

4.2. Most important symptom	ns 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 immedi	iate 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 mea	asures	
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	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	t Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental relea	ase measures	
6.1. Personal precautions, p	rotective 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 precautio	uns	
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 fo	er 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 section	ons	
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 st	torage	
7.1. Precautions for safe handling		
Usage precautions	Wear 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 Page 8 of 20	

7.2. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry, cool and well-ventilated place. Avoid Storage precautions 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/kg - Sediment (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.	
Colour	Clear. to Yellowish.	
Odour	Characteristic.	
Odour threshold	No information available.	
рН	No information available.	
Melting point	-20°C	
Initial boiling point and range	157 – 210°C @ 101.1 kPa	
Flash point	54.5 – 54.6°C	
Evaporation rate	No information available.	
Evaporation factor	No information available.	
Flammability (solid, gas)	No information available.	
Upper/lower flammability or explosive limits	No information available.	
Other flammability	No information available.	
Vapour pressure	5.6 – 253 Pa @ 24 - 25°C	
Vapour density	No information available.	
Relative density	0.868 - 0.930 @ 20°C	
Bulk density	No information available.	

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.
Molecular weight	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 rea	activity
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 reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
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 decompositio	on products
Hazardous decomposition products	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 in	formation
11.1. Information on toxicologi	cal effects
Skin corrosion/irritation Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	
<u>م</u> ،	

Serious eye damage/irritation		Causes	serious eye irritation.
Respiratory s		No inforr	nation available.
Skin sensitis Skin sensitis		May cau	se an allergic skin reaction.
Germ cell mo Genotoxicity		No inforr	nation available.
Carcinogenio Carcinogenio	<u> </u>	No inforr	nation available.
Reproductive Reproductive	e toxicity e toxicity - fertility	No inforr	nation available.
Reproductive development		No inforr	nation available.
Specific targ	et organ toxicity -	single exp	osure
STOT - singl	e exposure	No information available.	
Specific target organ toxicity - repe			
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		-	fatal if swallowed and enters airways. Ingestion may cause severe irritation of the he oesophagus and the gastrointestinal tract.
Skin contact		Causes skin irritation. May cause an allergic skin reaction.	
Eye contact		Causes serious eye irritation.	
Toxicologica	l information on in	gredients.	
			EUCALYPTOL
	Acute toxicity - or	al	
	Acute toxicity oral mg/kg)	I (LD50	2,480.0
	Species		Rat
	Notes (oral LD ₅₀)		LD₅₀ 2480 mg/kg, Oral, Rat

ATE oral (mg/kg) 2,480.0

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

Skin corrosion/irritation

Acute toxicity - dermal

Skin corrosion/irritation No information available.

Serious eye damage/irritation

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 - fertility	No information available.		
Reproductive toxicity - development	No information available.		
Specific target organ toxicit	y - single exposure		
STOT - single exposure	No information available.		
Specific target organ toxicit	y - 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 mg/kg)	4,300.0		
Species	Rat		
Notes (oral LD₅₀)	LD₅₀ 4300 mg/kg, Oral, Rat		
ATE oral (mg/kg)	4,300.0		
Acute toxicity - dermal			
Notes (dermal LD ₅₀)	LD₅₀ > 3000 mg/kg, Dermal, Rabbit		
Skin corrosion/irritation			
Skin corrosion/irritation Irritating to skin. Rabbit 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK			

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Serious eye damage/irritation

Serious eye

damage/irritation

Skin sensitisation

Skin sensitisation

tisation 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)

Irritating to eyes. Rabbit

LINALOOL

Acute toxicity - oral			
Acute toxicity oral (LD₅₀ mg/kg)	2,790.0		
Species	Rat		
Notes (oral LD₅₀)	LD₅₀ 2790 mg/kg, Oral, Rat		
Acute toxicity - dermal			
Acute toxicity dermal (LD₅₀ mg/kg)	5,610.0		
Species	Rabbit		
Notes (dermal LD ₅₀)	LD₅₀ 5610 mg/kg, Dermal, Rabbit		
Skin corrosion/irritation			
Skin corrosion/irritation	Irritating to skin. Rabbit		
Serious eye damage/irritati	Serious eye damage/irritation		
Serious eye damage/irritation	Slightly irritating. Rabbit		
Skin sensitisation			
Skin sensitisation	May cause an allergic skin reaction Rabbit: Sensitising.		
Germ cell mutagenicity			
Genotoxicity - in vitro	Bacterial reverse mutation test: Negative.		
Carcinogenicity			
Carcinogenicity	No information available.		
Reproductive toxicity			
Reproductive toxicity - fertility	No information available.		
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

Aspiration hazard	Aspiration hazard			
Aspiration hazard	No information available.			
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 inform	mation			
Ecotoxicity	Toxic to aquatic life with long lasting effects.			
12.1. Toxicity				
Toxicity	Toxic to aquatic life.			
Acute aquatic toxicity				
Acute toxicity - fish	LC₅₀, 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	Acute toxicity - aquatic plants EC₅₀, 72 hours: 450 – 66 850 μg/l, Algae			
12.2. Persistence and degrada	12.2. Persistence and degradability			
Persistence and degradability The substance is readily biodegradable.				
12.3. Bioaccumulative potentia				
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 vPvl	B 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 consid	erations			
13.1. Waste treatment method				
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 inform	nation			

SECTION 14: Transport information

safety data sheet.

CAJUPUT EXT

General	Wear protective clothing as described in Section 8 of this safet
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	9
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(e	<u>s)</u>
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	Ш	
IMDG packing group	Ш	
ICAO packing group	Ш	
ADN packing group	Ш	

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 MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES 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

Abbreviations and acronyms	ATE: Acute Toxicity Estimate.
used in the safety data sheet	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. LC ₅₀ : Lethal Concentration to 50 % of a test population.
	LD_{50} : 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.
	LOAEC. 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 19	60628 -20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 18 of 20

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	Specification
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