## CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION APPEARANCE BATCH NUMBER BEST BEFORE END CAJEPUT OIL NEAR COLOURLESS TO YELLOW-GREEN LIQUID 4453306 DECEMBER 2024

ANALYSIS	RESULTS	SPECIFICATION
Refractive Index 20degC	1.469	>= 1.464 <= 1.472
Optical Rotation	-1.8	>= -6.0 <= 2.0
Density (g/ml,20c)	0.913	>= 0.908 <= 0.925
1,8-Cineole (%)	56.4	>= 50.0 <= 65.0

### Allergen Analysis

Compound Name : CAJEPUT OIL

Code Number : OECAJE

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
nigrealent	CAS NO.	Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	А	/
Amyl Cinnamal	122-40-7	A	А	/
Amylcinnamyl Alcohol	101-85-9	A	А	/
Anise Alcohol	105-13-5	A	А	/
Benzyl Alcohol	100-51-6	A	А	
Benzyl Benzoate	120-51-4	Α	А	
Benzyl Cinnamate	103-41-3	A	А	
Benzyl Salicylate	118-58-1	A	А	
Butylphenyl Methylpropional (Lilial)	80-54-6	A	А	
Cinnamal	104-55-2	A	А	
Cinnamyl Alcohol	104-54-1	A	А	
Citral	5392-40-5	A	А	
Citronellol	106-22-9	A	А	
Coumarin	91-64-5	A	А	
Eugenol	97-53-0	A	А	
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	А	
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	А	
Farnesol	4602-84-0	A	А	
Geraniol	106-24-1	A	А	
Hexyl Cinnamal	101-86-0	А	А	
Hydoxycitronellal	107-75-5	А	А	
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	А	А	
Isoeugenol	97-54-1	А	А	
Limonene	5989-27-5	A	7.00	7.0
Linalool	78-70-6	А	3.00	3.0
Methyl 2-Octynoate	111-12-6	A	А	

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of this data resulting in damage or loss.

### Production of Cajeput Oil



### **GMO** Declaration

According to 1829/2003/EC

Compound Name : CAJEPUT OIL

Code Number : OECAJE

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients

		1
Material	Present	Of GMO Origin
Chicory	No	-
Cotton	No	-
Maize	No	-
Potato	No	-
Rape	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

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### IFRA Conformity Certificate

Compound Name : CAJE PUT OIL Code Number : OECAJE

We certify that the above compound is in compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-48th amendment), provided it is used at a maximum concentration level of:

IFRA category (*)	Maximum level of use (%)(w/w) (**)
1 (***)	N/A (***)
2	N/A
3A	N/A
3B	N/A
3C	N/A
3D	N/A
4A	N/A
4B	N/A
4C	N/A
4D	N/A
5	N/A
6 (***)	N/A (***)
7A	N/A
7B	N/A
8A	N/A
8B	N/A
9A	N/A
9B	N/A
9C	N/A
10A	N/A
10B	N/A
11	N/A

(\*) See annex for definition of IFRA categories

(\*\*) Usage limit N/A = Not Applicable; no IFRA restrictions

(\*\*\*) IFRA would recommend that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings

For other kinds of application or use at higher concentrations, a new safety evaluation may be needed; please contact MADAR Corporation Ltd.

The IFRA Standards regarding restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. It is your responsibility to ensure that the usage of the fragrance ingredients and the levels of such usage are permitted at all times according to the relevant laws and regulations

Finished Product Types	I FRA category
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's Toys	1
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.) Nose Pore Strips Fragranced Bracelets	2
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - EdT	ЗА
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) - Fine Fragrance	3B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care Men's Facial Creams and Balms Baby Creams, Lotions, Oils Body Paint for Children	3С
Tampons	3D
EdT - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum Ingredients of Perfume Kits Scent Pads, Foil packs Scent Strips for hydroalcoholic products	4A
Fine Fragrance - Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne,eau de cologne, Eau de Parfum or Parfum	4B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.) Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils) Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae Fragrance Compounds for Cosmetic Kits Foot Care Products Hair deodorant Body Paint (except those for children)	4C
Fragrancing Cream, Solid Perfumes	4D
Facial Masks Women's Facial Creams/Facial Make-up, Hand Cream, Hand sanitizers, Baby Powder and Talc, Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes, Wipes or Refreshing Tissues for Face, Neck, Hands, Body, Dry Shampoo or Waterless Shampoo	5(*) 5
Mouthwash, including Breath Sprays, Toothpaste	6
Intimate Wipes, Baby Wipes	7A
Insect Repellent (intended to be applied to the skin)	7B
Make-up Removers of all types (not including face cleansers), Hair Styling Aids Non-Spray of all types (mousse, gels, leave-conditioners, etc.), Nail Care, Powders and talcs, all types (except baby powders and talcs)	8A
Hair Dyes	8B
Conditioner (Rinse-Off), Liquid Soap, Shampoos of all types (including baby shampoos), Face Cleansers of all types (washes, gels, scrubs, etc.), Shaving Creams of all types (stick, gels, foams, etc.), All Depilatories (including waxes for mechanical hair removal), Body Washes of all types (including baby washes) and Shower Gels of all types, Bar Soap (Toilet Soap), Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	9A
Feminine hygiene - pads, liners, Toilet paper, Wheat bags	9B
Facial tissues, Napkins, Paper towels, Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays)	9C

Finished Product Types	I FRA category
Handwash Laundry Detergents of all types including concentrates, Fabric Softeners of all types including fabric softener sheets, Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.), Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates, Hand Dishwashing Detergent including concentrates, Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.), Shampoos for pets, Dry cleaning kits, Scented gloves, socks, tights with moisturizers	10A
Diapers, Toilet seat wipes	10B
All non-skin contact or incidental skin contact including:	11
Candles, Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical), Air Delivery Systems, Cell phone cases, Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Shoe Polishes, Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders), Insecticides (mosquito coll, paper, electrical, for clothing etc.) excluding aerosols, Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization), Air Freshenig crystals, Toilet Blocks, Joss Sticks or Incense Sticks, Machine Dishwash Detergent and Deodorizers, Machine-only Laundry Detergent (e.g. liquitabs)**, Plastic articles (excluding toys), Fuels, Fragranced lamp ring, Scratch and Sniff (sampling technology), Paints, Cat Litter, Animal Sprays (all types), Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics), Floor Wax, Odored Distilled Water (that can be added to steam irons)	

\* Class 5, Facial masks: There are several types of masks: peel off (similar to rinse-off, rinse-off and leave-on (you only remove the excess with a facial tissue). To ease the split the most restrictive, i.e. leave-on is applied for all.

\*\* Liquitabs corresponds to a dose of liquids wrapped in a film: no contact with hands is expected under normal conditions of use

The table was prepared with the intention to cover the vast majority of the products; however it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.

SAFETY DATA S CLP: According to 2015/830/F		Printed on	12 May 2020
Version 7 Revised 08/0	3/2019 10:47:15		
Section 1. Identification	n of the substance/mixture and of	f the company	//undertaking
1.1 Product I dentifier			
Product Name Code Number	CAJEPUT OIL OECAJE		
Alternative Name REACH Reg No	Not registered		
1.2 Relevant identified	uses of the substance or mixture	and uses adv	/ised against
Concentrated material	for fragrance and flavouring use		
1.3 Details of the supp	lier of the safety data sheet MADAR Corporation Ltd. 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA		
Telephone Number	+44 (0)1425 655555		
Email Address	sales@madarcorporation.co.uk		
1.4 Emergency Tel No	+44 (0)1425 655555		
Section 2. HAZARD IDE	NTIFICATION		
2.1 Classification of th	e substance or mixture		
FL 3	Flammable liquid, category 3		
AH 1	Aspiration hazard, category 1		
SCI 2	Skin corrosion/irritation, category 2		
SS 1	Skin sensitisation, category 1		
EH C2	Aquatic hazard, chronic, category 2		

SAFETY DATA CLP: According to 2015/83(	Printed on	12 May 2020	
Version 7 Revised 08,	/03/2019 10:47:15		
CLP Label elements CLP classification acc Hazard Pictograms	cording to Regulation (EC) No	1272/2008	
Signal Word	Danger	• •	
Hazard Statements	-		
H226	Flammable liquid and vapo	ur	
H304	May be fatal if swallowed a		
H315	Causes skin irritation	,	
H317	May cause an allergic skin	reaction	
H319	Causes serious eye irritatic	'n	
H401	Toxic to aquatic life		
H411	Toxic to aquatic life with lo	ng lasting effects	
Precautionary Stat	ements		
P262	Do not get in eyes, on skin	, or on clothing.	
P273	Avoid release to the enviro	nment.	
P280	Wear protective gloves and	l eye protection	
P301+P310	IF SWALLOWED: Immediat	ely call a POISON CENT	RE.
P331	Do NOT induce vomiting.		
P391	Collect spillage.		
2.3 Other Hazards Contains Limonene and Linalool which may produce an allergic reaction No further information available at this time			
Section 3. Composition / information on ingredients Any percentage values listed here for hazardous components are for illustrative purposes only			

### SAFETY DATA SHEET

Printed on 12 May 2020

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#### 3.1 Substances

Description	CAJUPUT OIL
EC/EINECS	287-316-4
CAS Number	85480-37-1
USCAS Number	8008-98-8

#### Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 470-82-6 EINECS 207-431-5 REACH	1,8-Cineole (Eucalyptol) SS 1B H317	55.0000
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) AH 1:SCI 2:SS 1B:EH A1,C1 H304,H315,H317,H400,H410	7.0000
CAS 98-55-5 EINECS 202-680-6 REACH	alpha-Terpineol SCI 2;EDI 2 H315,H319	5.0000
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene AH 1; SCI 2; SS 1B; EH A1, C1 H304, H315, H317, H400, H410	4.0000
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool SCI 2;SS 1B;EDI 2 H315,H317,H319	3.0000
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3; AH 1; SCI 2; EDI 2 H226, H304, H315, H319	2.0000

Refer to section 16 for the wording of listed classification and hazard statement codes

#### Section 4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

#### After 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.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

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After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

- 4.2 Most important symptoms and effects, both acute and delayed No further information available at this time
- 4.3 Indication of immediate medical attention and special treatment needed No further information available at this time

Section 5. Fire-fighting measures

- 5.1 Extinguishing Media Carbon dioxide, foam or dry powder DO NOT USE A DIRECT WATER JET.
- 5.2 Special hazards arising from the substance or mixture May produce Carbon dioxide and unidentified organic compounds.
- 5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Remove all sources of ignition.

Avoid inhalation, skin and eye contact. Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

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7.2 Conditions for safe storage, including any incompatibilities Store in tightly sealed original containers away from ignition sources and in a cool place.		
7.3 Specific end use(s) No further information available		
Section 8. Exposure controls / personal protection		
8.1 Control Parameters No information available		
8.2 Exposure controls Engineering controls No information available		
Individual protection measures Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period. Eye/face protection Wear safety goggles.		
Hand protection Wear chemically resistant disposable gloves.		
Other skin protection Wear overalls. Always wash routinely before breaks, meals and at the end of the work period. Respiratory protection Not generally required. Use inhalation protection in poorly ventilated areas		
Thermal hazards No information available		
Environmental exposure controls No information available		
Section 9. Physical and chemical properties		
9.1 Information on basic physical and chemical properties FLASH POINT (°C) 50		
Colour Near colourless to yellow-green		
Aroma PUNGENT, FRESH		

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Solubility	INSOLUBLE		
9.2 Other information No further information available			
Section 10. Stability and reactivity			
10.1 Reactivity Not determined			
10.2 Chemical Stability Not determined			
10.3 Possibility of hazardous reac Not determined	tions		
10.4 Conditions to avoid Extreme temperatures			
10.5 I ncompatible materials Highly reactive chemicals which ma additional hazards.		on products a	nd so cause
10.6 Hazardous decomposition pro	oducts		
Section 11. Toxicological informati	on		
11.1 Information on toxicological Acute toxicity No data available	effects		
Skin corrosion / irritation No data available			
Serious eye damage / irritation No data available			
Respiratory or skin sensitisatior No data available	1		
Germ cell mutagenicity No data available			
Carcinogenicity No data available			

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Reproductive toxicity No data available

STO-single exposure

No data available

STO-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

Symptoms related to the physical, chemical and toxicological characteristics No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available

Interactive effects

No data available

Other information No data available

#### Section 12. Ecological information

12.1 Toxicity

No data available; avoid soil, surface water and water-bearing stratum contamination.

- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil

#### No data available

12.5 Results of PBT and vPvB assessment No data available

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12.6 Other adverse eff No data available	ects	
Section 13. Disposal co Please refer to the inform		ure controls and personal protection)
13.1 Waste treatment Dispose in accordance		gulations. Treat as trade effluent.
Section 14. Transport in	formation	
14.1 UN number	1169	
14.2 UN proper shippir	g name EXTRACTS, A	ROMATIC, LIQUID
14.3 Transport hazard	class(es) 3	
14.4 Packing group	111	
Tunnel Code	(D/E)	
14.5 Environmental Ha Marine Pollutant - cont		ardous substances ( LIMONENE,PINENE)
14.6 Special precaution No relevant informatio		
14.7 Transport in bulk Not applicable	according to Annex II	of MARPOL73/78 and the IBC Code
Section 15. Regulatory	information	
substance or mixture	-	tions/legislation specific for the
No relevant informatio		
15.2 Chemical safety a A chemical safety asse	ssessment ssment has not been carr	ied out
Section 16. Other inform	nation	
Full list of precaution	nary phrases	
P262	Do not get in eyes, on s	kin, or on clothing.
P273	Avoid release to the env	_
P280	Wear protective gloves	and eye protection

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P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.
P331	Do NOT induce vomiting.
P391	Collect spillage.
Wording of any haza	rd classes listed in section 3
FL 3	Flammable liquid, category 3
AH 1	Aspiration hazard, category 1
SCI 2	Skin corrosion/irritation, category 2
SS 1B	Skin sensitisation, category 1B
EDI 2	Eye damage/irritation, category 2
EH A1	Aquatic hazard, acute, category 1
EH C1	Aquatic hazard, chronic, category 1
Wording of any haza	rd statements listed in section 3
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

### PRODUCT SPECIFICATION

Product Name	:	CAJUPUT OIL
Flash Point deg C	:	50
Aroma / Taste	:	PUNGENT, FRESH
Appearance / Physical State	:	NEAR COLOURLESS TO YELLOW-GREEN LIQUID
Composition	:	Cajuput Oil
Refractive Index 20degC		>= 1.464 <= 1.472
Optical Rotation		>= -6.0 <= 2.0
Density (g/ml,20c)		>= 0.908 <= 0.925
1,8-Cineole (%)		>= 50.0 <= 65.0

Shelf Life : 12 Months

(if stored in full airtight containers, protected from heat and direct sunlight)

Version Number : 7 Version Date : 09 September 2021

Vegetarian Declaration			
Compound Name : CAJEPUT OIL			
Code Number : OECAJE			
	Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
	Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
	Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed
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