



CERTIFICADO DE ANALISIS

PRODUCT DETAILS					
Product Name		PATCHOULI OIL			
Product Code		OEPATC			
INCI Name		Pogostemon cablin			
Batch Number		4375501			
Best Before End		October 2022			
Manufacturing Process		Obtained by steam distillation from leaf/twig of Pogostemon cablin.			
Identification		CAS No: 84238-39-1		EINECS No: 282-493-4	
		FEMA No: 2838		Alternative Cas:8014-09-3	
PHYSICAL AND CHEMICAL CHARACTERISTIC					
		SPECIFICATION RANGE	RESULTS		
Appearance		Liquid	Conforms		
Colour		Brown to Dark Brown	Conforms		
Odour		Characteristic	Conforms		
Relative Density @ 20°C		0.950 - 0.975	0.9647		
Refractive Index @ 20°C		1.505 - 1.515	1.5078		
Solubility in water		Insoluble in water. 1:9 in 90% alcohol	Conforms		
Optical Rotation		-48 to -65	-49.96		
Flash Point		>93°C	Conforms		
MAIN CONSTITUENTS					
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS
Patchouli Alcohol 30-60%	33.30%	Alpha Guaiene 10-30%	14.40%	B Caryophyllene 1-5%	3.1%
STORAGE AND SHELF LIFE					
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.			



SAFETY DATA SHEET / FICHA DE DATOS DE SEGURIDAD PATCHOULI OIL

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

1.1. Product identifier

Product name	PATCHOULI OIL
Product number	OEPATC
Synonyms; trade names	Pogostemon cablin
CAS number	84238-39-1
Alternative Cas Number	8014-09-3
EC number	282-493-4

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

Identified uses	Fragrance and flavour
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1.3. Details of the supplier of the safety data sheet

Supplier	El Jabón Artesanal Manuel Vicente Nievas C/ Rio Tajo nº 53 18110 Las Gabias, (Granada-España) Telf. (+34) 637594492 eljabonartesanal@hotmail.com
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1.4. Emergency telephone number: INSTITUTO NACIONAL DE TOXICOLOGIA MADRID 915620420

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards	Not Classified
Health hazards	Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	Ingestion of even small quantities may be fatal.
Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

EC number	282-493-4
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PATCHOULI OIL

Pictogram



Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Patchouli Alcohol	30-60%
CAS number: 5986-55-0	EC number: 227-807-2
Classification Not Classified	
Alpha Guaiene	10-30%
CAS number: 3691-12-1	
Classification Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	
Beta Caryophyllene	1-5%
CAS number: 87-44-5	EC number: 201-746-1
Classification Asp. Tox. 1 - H304	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

PATCHOULI OIL

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use as appropriate carbon dioxide (CO₂), dry chemical or foam

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

Specific hazards When heated to decomposition, it emits acrid smoke as well as carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Protective actions during firefighting Use water spray / stream to protect personnel and to cool endangered containers.

Special protective equipment for firefighters Wear full protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin. No smoking, sparks, flames or other sources of ignition near spillage. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with inert, damp, non-combustible material. Eliminate all sources of ignition. Dispose of contents/container in accordance with international regulations.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Avoid spilling. Avoid inhalation of vapours.

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. Keep air contact to a minimum.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

PATCHOULI OIL

Protective equipment



Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear protective clothing.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pale yellow to yellow
Odour	Characteristic.
Flash point	>93°C
Relative density	0.953 - 0.978 @ 20°C
Solubility(ies)	Insoluble in water. 1:9 in 90 % ethanol @ °C
Optical rotation	-60 to -40 @ °C

9.2. Other information

Refractive index	1.5040 - 1.5150 @ 20c
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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Heating causes vaporization and formation of ignitable atmosphere is possible.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g cloth, pulp, filter panel, binder). Reacts violently with oxidizing agents.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Acids. bases Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	When heated to decomposition, it emits acrid smoke, fumes as well as monoxide and carbon dioxide.
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PATCHOULI OIL

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

SECTION 12: Ecological Information

Ecotoxicity Dangerous for the environment. May cause long lasting harmful effects to aquatic life.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID classification code M6

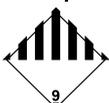
ADR/RID label 9

IMDG class 9

ICAO class/division 9

ADN class 9

Transport labels



PATCHOULI OIL

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 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 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).
Guidance	CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	31/05/2016
Revision	4
Supersedes date	31/05/2016
Hazard statements in full	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H411 Toxic to aquatic life with long lasting effects.

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.



FICHA TECNICA

PRODUCT DETAILS		
Product Name	PATCHOULI OIL	
Product Code	OEPATC	
INCI Name	Pogostemon cablin	
Country or Origin	Various usually Indonesia	
Tariff Number	3301 2941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products, except sea food, dairy and poultry egg origin. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Obtained by steam distillation from leaf/twig of Pogostemon cablin.	
Identification	CAS No: 84238-39-1	EINECS No: 282-493-4
	FEMA No: 2838	Alternative Cas:8014-09-3
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale yellow to yellow	
Odour	Characteristic	
Relative Density @ 20°C	0.953 - 0.978	
Refractive Index @ 20°C	1.5040 - 1.5150	
Solubility in water	Insoluble	
Optical Rotation	-60 to -40°C	
Hydrocarbon content	61%	
FRAGRANCE ALLERGENS		
Cinnamaldehyde (104-55-1) <0.05%	Citral (5392-40-5) <0.02%	Coumarin (91-64-5) <0.1%
Limonene (5989-27-5) <0.05%	Linalool (78-70-6) <0.03%	Eugenol (97-53-0) max 0.10%
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Cinnamaldehyde (104-55-1) <0.05%	Citral (5392-40-5) <0.02%	Coumarin (91-64-5) <0.1%
Eugenol (97-53-0) max 0.10%		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	12 months unopened and stored as above.	

Issue No: 1

29/06/2016