

### **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: PATCHOULI, ESSENTIAL OIL ORGANIC

Batch Number: 4557203

PRODUCT INCI: POGOSTEMON CABLIN LEAF OIL

PRODUCT CODE: OCPATC

CAS NUMBER: 8014-09-3 / 84238-39-1

EINECS NUMBER: 282-493-4

MANUFACTURING METHOD: STEAM DISTILLED

Best Before End: October 2027

ANALYTICAL DETAILS	Range	RESULTS
Appearance	LIQUID	-
Colour	Brown – Dark Red	-
Odour	CHARACTERISTIC, WOODY & BALSAMIC	-
Specific Gravity @ 20°C	0.952 – 0.975	0.961
Refractive Index @ 20°C	1.505 – 1.515	1.505
OPTICAL ROTATION (°C)	-60.0 то -40.0	-

#### **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission.



## **ALLERGEN STATEMENT**

PRODUCT NAME: PATCHOULI, ESSENTIAL OIL ORGANIC

### **COSMETIC ALLERGENS**

Annex Illa		CAS NUMBER:	TOTAL ALLERGEN
Reference:		CAS NOWIDEN.	INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.000
68	BENZYL ALCOHOL	100-51-6	0.000
69	CINNAMYL ALCOHOL	104-54-1	0.000
70	CITRAL	5392-40-5	≤ 0.02
71	EUGENOL	97-53-0	≤ 0.10
72	HYDROXY-CITRONELLAL	107-75-5	0.000
73	ISO EUGENOL	97-54-1	0.000
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.000
75	BENZYL SALICYLATE	118-58-1	0.000
76	CINNAMAL	104-55-2	≤ 0.05
77	COUMARIN	91-64-5	≤ 0.10
78	GERANIOL	106-24-1	0.000
79	HYDROXYISOHEXYL 3-CYCLOHEXENE	31906-04-4	0.000
, 3	CARBOXALDEHYDE	31300 04 4	0.000
80	ANISE ALCOHOL	105-13-5	0.000
81	BENZYL CINNAMATE	103-41-3	0.000
82	FARNESOL	4602-84-0	0.000
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.000
84	LINALOOL	78-70-6	≤ 0.03
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	0.000
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	≤ 0.05
89	METHYL 2-OCTYNOATE	111-12-6	0.000
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0.000



### **FOOD ALLERGENS**

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO

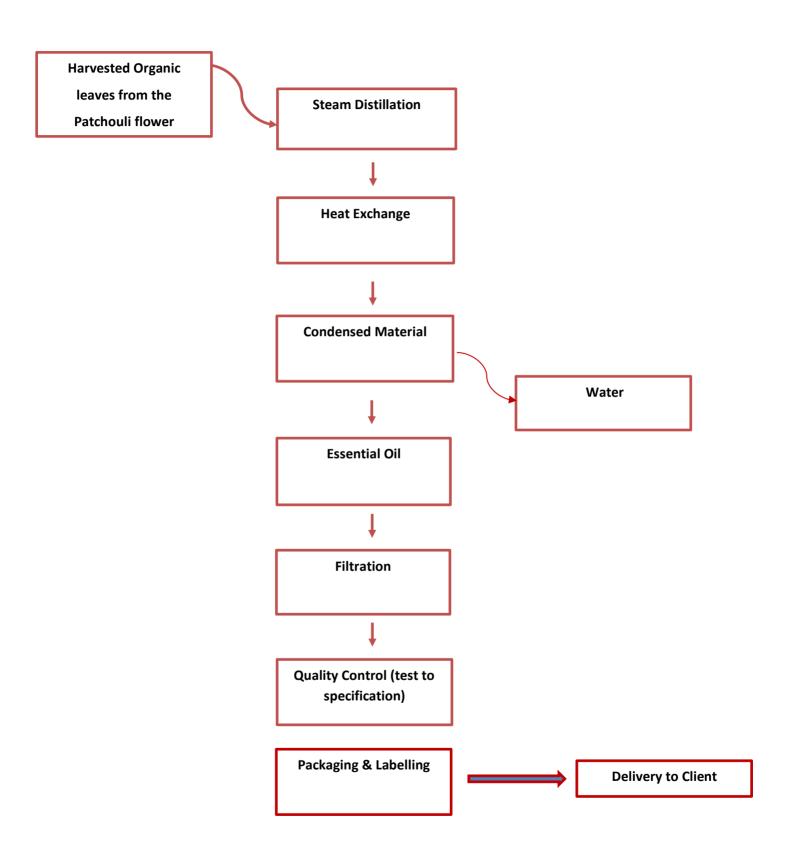


### Composition Statement & Manufacturing Flow Chart:

We can hereby confirm the following composition breakdown & manufacturing process flow;

Patchouli, Essential Oil Organic

INCI Name	% Inclusion	CAS Number
Pogostemon Cablin Leaf	100	8014 09 3





### **GMO Statement**

PRODUCT NAME: Patchouli Essential Oil Organic

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

10-6-24



## IFRA STATEMENT

#### PRODUCT NAME: PATCHOULI, ESSENTIAL OIL ORGANIC

PRODUCT INCI: POGOSTEMON CABLIN LEAF

PRODUCT CODE: OCPATC

CAS NUMBER: 8014-09-3 / 84238-39-1

EINECS NUMBER: 282-493-4

MANUFACTURING METHOD: STEAM DISTILLED

SHELF LIFE / BEST BEFORE: 36 MONTHS

We certify that the above named material conforms to the IFRA 48 Code of Practice and contains the following restricted components that are listed in the  $48^{\text{th}}$  Amendment of the IFRA Code of Practice:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Linalool	78-70-6	< 0.03	Specification Std
Limonene	5989-27-5	< 0.05	Specification Std
Citral	5392-40-5	< 0.02	Restriction Stds (QRA cat.)
Eugenol	97-53-0	≤ 0.1	Restriction Stds (QRA cat.)
Cinnamal	104-55-2	< 0.05	Restriction Stds (QRA cat.)
Coumarin	91-64-5	< 0.1	Restriction Stds (QRA cat.)

IFRA Classes	% Maximum Use Level
Category 1	40.0
Category 2	40.0
Category 3A	Not Restricted.
Category 3B	Not Restricted.
Category 3C	Not Restricted.
Category 3D	Not Restricted.
Category 4A	Not Restricted.
Category 4B	Not Restricted.
Category 4C	Not Restricted.

Category 4D	Not Restricted.
Category 5	Not Restricted.
Category 6	Not Restricted.
Category 7A	80.0
Category 7B	80.0
Category 8A	Not Restricted.
Category 8B	Not Restricted.
Category 9A	Not Restricted.
Category 9B	Not Restricted.
Category 9C	Not Restricted.
Category 10A	Not Restricted.
Category 10B	Not Restricted.
Category 11	Not Restricted.

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc); Hair Deodorant. Body Creams, Oils, otions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
ragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
ntimate Wipes; Baby Wipes.	Class 7 A
nsect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, eave-in conditioners etc). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), 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). Body Washes of all types (including baby washes). Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Dils and other products added to bathwater	Class 9.A

Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches.  Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc). Dry Cleaning Kits.  Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including:  Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols);  Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including:  Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs).  Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B



### **Material Safety Data Sheet**

EU Regulation: 2020/878

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE	MIXTURE A	AND OF THE COMPANY	UNDERTAKING	
1.1 PRODUCT IDENTIFICATION					
PRODUCT NAME	PATCHOULI, ESSENTIA	l Oil Organio	c		
BIOLOGICAL DEFINITION	Pogostemon Cabli	N LEAF OIL IS T	HE VOLATILE OIL OBTAINED FROM T	THE LEAVES OF THE PA	TCHOULI, POGOSTEMON CABLIN, LABIATAE.
INCI NAME	Pogostemon Cabli	N LEAF OIL			
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE					
CAS-No	8014-09-3 / 84238-39-1	EC No.	282-493-4	EINECS No.	282-493-4
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
COMPANY ADDRESS	Madar Corporation 19 - 20 Sandlehed		Estate, Fordingbridge, SP6 1P	PA	
EMAIL	technical@madarcorpo	ration.co.uk			
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET				
EMERGENCY CONTACTS	01425 655 555				

SECTION 2: HAZARDS IDENTIFICATION	
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.
CLASSIFICATION (67/548/EEC)	THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.
CLASSIFICATION (EU1272/2008)	PHYSICAL HAZARDS: NOT CLASSIFIED.  HEALTH HAZARDS: ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1B- H317, EYE IRRIT. 2 H319  ENVIRONMENTAL HAZARDS: AQUATIC CHRONIC 2 - H411
2.2 LABEL ELEMENTS	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.
GHS LABEL	GHS07 GHS08 GHS09
Signal Word	DANGER.
Contains	ALPHA-GUAIENE, BETA-CARYOPHYLLENE
HAZARDS STATEMENT	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. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
Precautionary Statements	P261 AVOID BREATHING VAPOURS/SPRAY. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION. P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/DOCTOR P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P331 DO NOT INDUCE VOMITING. P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION. P391 COLLECT SPILLAGE. P501 DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 WASH HANDS THOROUGHLY AFTER HANDLING.
2.3	SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.
OTHER HAZARDS	
ADVERSE PHYSIO-CHEMICAL PROPERTIES	NO ADDITIONAL DATA AVAILABLE.
Adverse effects on human health	NO ADDITIONAL DATA AVAILABLE.
PBT OR VPVB ACCORDING TO ANNEX XIII	NO ADDITIONAL DATA AVAILABLE.
SECTION 3: COMPOSITION OF INGREDIEN	TS
	<b>30.0 - 60.0% Patchouli Alcohol</b> CAS No: 5986-55-0 EC No: 227-807-2 Classification (EC 1272/2008) Aquatic Chronic 2 - H411
3.2 MIXTURES	10.0 - 30.0% ALPHA-GUAIENE CAS NO: 3691-12-1 EC NO: 641-402-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319
	<b>1.0 - 5.0% BETA-CARYOPHYLLENE</b> CAS NO: 87-44-5 EC NO: 201-746-1 CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN SENS. 1B - H317



SECTION 4: FIRST AID MEASURES	
<b>4</b> .1	
DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
Inhalation	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
Ingestion	DO NOT INDUCE VOMITING. INGESTION MAY CAUSE NAUSEA AND VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH A GET MEDICAL ADVICE/ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2 MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	NO ADDITIONAL DATA AVAILABLE.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	Treat Symptomatically.
SECTION 5: FIRE FIGHTING MEASURES	
5.1 EXTINGUISHING MATERIAL	FOAM, CO2, DRY CHEMICAL POWDER.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE.  THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES:  CARBON DIOXIDE (CO2), CARBON MONOXIDE (CO), OTHER TOXIC GASES.  CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
5.3 Advice for fire-fighters	USE WATER SPRAY / STREAM TO PROTECT PERSONNEL AND TO COOL ENDANGERED CONTAINERS. WEAR FULL PROTECTIVE CLOTHING.
SECTION 6: ACCIDENTAL RELEASE MEAS	URES
6.1	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.
6.1 PERSONAL PRECAUTIONS 6.2	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin,
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTULATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.
6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS  SECTION 7: HANDLING & STORAGE 7.1	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.  REFER & CONSIDER SECTIONS 7, 8 & 13.  HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD
SECTION 6: ACCIDENTAL RELEASE MEAS  6.1 PERSONAL PRECAUTIONS 6.2 ENVIRONMENTAL PRECAUTIONS 6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP 6.4 REFERENCES TO OTHER SECTIONS  SECTION 7: HANDLING & STORAGE  7.1 PRECAUTIONS FOR SAFE-HANDLING  7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING.  DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.  REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS.  REFER & CONSIDER SECTIONS 7, 8 & 13.  HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OF

#### **SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION** NO DATA. **CONTROL PARAMETERS** 8.2 **EXPOSURE CONTROLS EYE PROTECTION** WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. **HAND PROTECTION** WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. GENERALLY UNNECESSARY IN A WELL VENTILATED AREA. RESPIRATORY EQUIPMENT IF VENTILATION IS INSUFFICIENT, RESPIRATORY PROTECTION MUST BE WORN **HYGIENE MEASURES** GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS. **ENGINEERING MEASURES** PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION. **SKIN PROTECTION** WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT. PERSONAL PROTECTION AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. **OTHER PROTECTION** WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS. PROCESS CONDITIONS ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION. SAFETY SHOWER & EYE BATH. **ENVIROMENTAL EXPOSURE CONTROLS** AVOID DISCHARGING INTO DRAINAGE WATER. ONLY ELIMINATE BY AUTHORISED COMPANIES. **SECTION 9: PHYSICAL & CHEMICAL PROPERTIES PHYSICAL & CHEMICAL PROPERTIES** APPEARANCE Viscous Liquid COLOUR BROWN TO DARK RED BROWN. ODOUR CHARACTERISTIC RELATIVE DENSITY APPROX. 0.964 @ 20℃ FLASH POINT (°C) > 93.0 REFRACTIVE INDEX @ 20 °C APPROX. 1.510 @ 20℃ SOLUBILITY IN WATER @ 20 °C INSOLUBLE IN WATER. 9.2 NO DATA **OTHER INFORMATION** 9.2.1 NO DATA. INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES NO DATA. OTHER SAFETY CHARACTERISTICS **SECTION 10: STABILITY & REACTIVITY** 10.1 PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED REACTIVITY 10.2 STABLE LINDER THE RECOMMENDED HANDLING AND STORAGE CONDITIONS IN SECTION 7. **CHEMICAL STABILITY** NOT EXPECTED UNDER NORMAL CONDITIONS OF USE. **POSSIBILITY OF HAZARDOUS REACTIONS**



10.4 CONDITIONS TO AVOID	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS SO AS TO PREVENT PRODUCT DETERIORATION.
10.5 INCOMPATIBLE MATERIALS	Strong acids, alkali or oxidising agents.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.  THERMAL DECOMPOSITION MAY RELEASE/FORM OXIDES OF CARBON (CARBON MONOXIDE, CARBON DIOXIDE) AND OTHER TOXIC GASES.

CECTION 11 Towns on the large way	
SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 TOXICOLOGICAL EFFECTS	
ACUTE TOXICITY	NOT CLASSIFIED
SKIN IRRITATION	Causes skin irritation
EYE DAMAGE OR IRRITATION	Causes serious eye irritation
RESPIRATORY OR SKIN SENSITIVITY	May cause an allergic skin reaction
GERM CELL MUTAGENICITY	NOT CLASSIFIED
CARCINOGENICITY	NOT CLASSIFIED
REPRODUCTIVE TOXICITY	NOT CLASSIFIED
STOT – SINGLE EXPOSURE	NOT CLASSIFIED
STOT — REPEATED EXPOSURE	NOT CLASSIFIED
ASPIRATION HAZARD	MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAYS
11.2 INFORMATION ON OTHER HAZARDS	NO DATA.
SECTION 12: ECOLOGICAL INFORMATION	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
12.2 PERSISTENCE & DEGRADABILITY	NO DATA
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA
12.4 MOBILITY IN SOIL	NO DATA.
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 ENDOCRINE DISRUPTING PROPERTIES	DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.
12.7 OTHER ADVERSE EFFECTS	NO DATA.
SECTION 13: DISPOSAL INFORMATION	
13.1 WASTE TREATMENT METHODS	ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS.

SECTION 14: Transport Information		
14.1 Transport Information		
UN Number	ROAD: 3082 RAIL: 3082 AIR: 3082	
14.2 UN SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.	
14.3 TRANSPORT HAZARD CLASS(ES)	ADR/RID  ADR/RID—CLASS 9  ADR CLASSIFICATION CODE — M6  SPECIAL PROVISIONS — 274 335 375 601  LIMITED QUANTITIES — 51  EXPECTED QUANTITIES — E1  EMERGENCY ACTION CODE — *3Z  IMDG  IMDG — CLASS 9  SPECIAL PROVISIONS — 274 335 375 601  LIMITED QUANTITIES — 51  EXPECTED QUANTITIES — E1  IMDG EMS — F-A, S-F  STOWAGE AND HANDLING — CATEGORY A  ICAO/IATA  ICAO/IATA  ICAO/IATA—CLASS 9  IATA PROPER SHIPPING NAME - ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.  EXPECTED QUANTITIES — E1  TRANSPORT LABELS:	
14.4 PACKING GROUP	ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III	
14.5 Enviromental Hazards	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.	
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6 – 8.	

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	No Data
	NODAIA
SECTION 15: REGULATORY INFORMATION	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 2020/878 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO793/93 & COMMISSION REGULATION (EC) NO1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS).
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
Approved Code of Practice	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	-

SECTION 16: OTHER INFORMATION		
	H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H315 Causes skin irritation.	
THE AND AND ON THE CAOTION AND OTHER HEAT OF THE COLOR	H317 MAY CAUSE AN ALLERGIC SKIN REACTION.	
	H319 CAUSES SERIOUS EYE IRRITATION.	
	H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.	
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.		
ABBREVIATIONS & ACRONYMS:		
MSDS	MATERIAL SAFETY DATA SHEET.	
INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.	
CAS	CHEMICAL ABSTRACT SERVICE.	
IMDG	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.	
ADR	ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN	
7.5%	AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).	
RID	International Carriage of Dangerous Goods by Rail.	
ICAO	International Civil Aviation Organization.	
ADN	International Carriage of Dangerous Goods by Inland Waterways.	
GHS	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.	
TREM CARD	Transport Emergency Card.	
STOT	SPECIFIC TARGET ORGAN TOXICITY.	

DOCUMENTATION REVISION		
DATE	CHANGE DESCRIPTION	
10 <sup>™</sup> April 2018	Data Launch	
FEBRUARY 2021	REVIEW	
10/08/2021	Review	
JANUARY 2023	REVIEW	



## **SPECIFICATION SHEET**

#### PRODUCT NAME: PATCHOULI, ESSENTIAL OIL ORGANIC

PRODUCT INCI: POGOSTEMON CABLIN LEAF OIL

CAS NUMBER: 8014-09-3 / 84238-39-1

EINECS NUMBER: 282-493-4

SHELF LIFE / BEST BEFORE: 24 MONTHS

ANALYTICAL DETAILS	RANGE	
Appearance	More or less viscous liquid	
COLOUR	PALE YELLOW — REDDISH BROWN	
Odour	Characteristic, Woody & Balsamic	
SPECIFIC GRAVITY @ 20°C	0.950 – 0.975	
REFRACTIVE INDEX @ 20°C	1.500 – 1.515	
OPTICAL ROTATION (°C)	-60.0 то -40.0	

#### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DATE	VERSION	REASON FOR UPDATE
22/09/2023	2.0	Changes in
		SPECIFIC GRAVITY @ 20°C
		REFRACTIVE INDEX @ 20°C
		APPEARANCE
		Colour



### **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Patchouli Essential Oil Organic

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

10/06/2024