

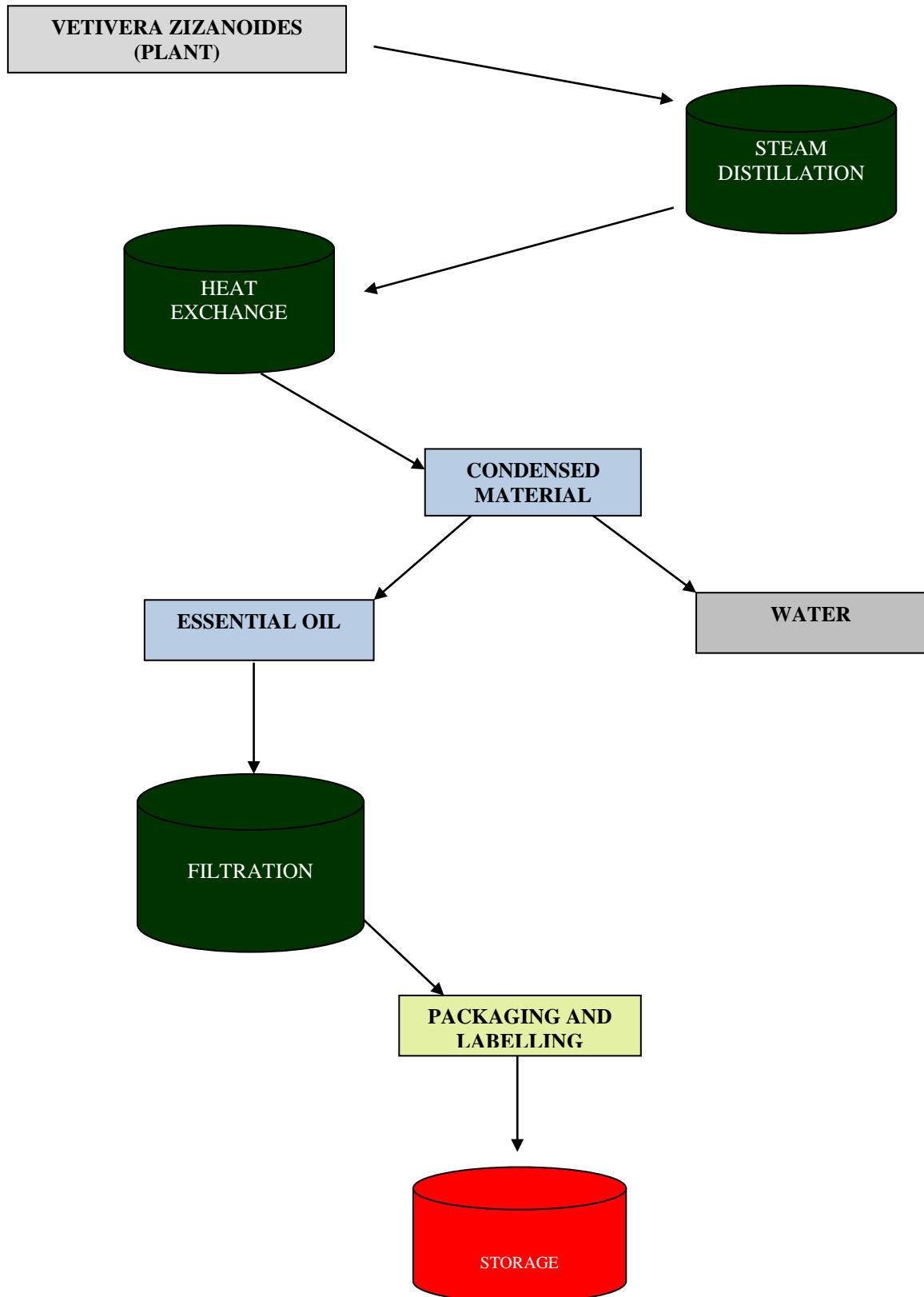


Certificate of Analysis

PRODUCT DETAILS			
Product Name	VETIVERT OIL ORGANIC		
Product Code	OCVETI		
Batch Number	4353509		
Best Before End	MARCH 2022		
Identification	CAS No: 84238-29-9	EINECS No: 282-490-8	
	Alternarrive CAS: 8016-96-4		
PHYSICAL AND CHEMICAL CHARACTERISTIC			
	SPECIFICATION RANGE		RESULTS
Appearance	Viscous Liquid		Conforms
Colour	Brown Orange to Red		Conforms
Odour	Characteristic		Conforms
Relative Density @ 20°C	0.960 - 1.012		1.0018
Refractive Index @ 20°C	1.510 - 1.530		1.52181
Optical Rotation °	+2 to +46		19.64
MAIN CONSTITUENTS			
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS
Beta Vetivone 1-10%	2.88%	Alpha Vetivone 1-10%	2.08%
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.		
Shelf Life	24 Months unopened and stored as above.		

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PROCESSING – VETIVER ORGANIC FLOW CHART





**SAFETY DATA SHEET
VETIVERT OIL ORGANIC**

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

1.1. Product identifier

Product name	VETIVERT OIL ORGANIC
Product number	OCVETI
Synonyms; trade names	Vetiveria Zizanoides Root Oil
CAS number	84238-29-9
Alternative Cas Number	8016-96-4
EC number	282-490-8

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

Identified uses	Industrial, only for professional use
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1.3. Details of the supplier of the safety data sheet

Supplier

MADAR Corporation Limited
19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire
SP6 1PA

Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
e-mail sales@madarcorporation.co.uk

Approved sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

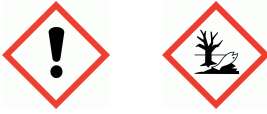
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards	Aquatic Chronic 2 - H411
Human health	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation
Environmental	Toxic to aquatic life with long lasting effects.

2.2. Label elements

EC number	282-490-8
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VETIVERT OIL ORGANIC

Pictogram



Signal word

Warning

Hazard statements

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 vapour/ spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

alpha vetivone, beta vetivone, Isoeugenol

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.

2.3. Other hazards

VETIVERT OIL ORGANIC

SECTION 3: Composition/information on ingredients

3.2. Mixtures

beta vetivone	1 - 10%
CAS number: 18444-79-6	
Classification Skin Sens. 1B - H317	
alpha vetivone	1 - 10%
CAS number: 15764-04-2 EC number: 239-855-1	
Classification Skin Sens. 1B - H317	
Isoeugenol	< 1.3%
CAS number: 97-54-1 EC number: 202-590-7	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	

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	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention.

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

General information No further information available at this time.

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

Notes for the doctor No data available.

VETIVERT OIL ORGANIC

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, dry powder or carbon dioxide. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke.

5.3. Advice for firefighters

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 Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions Do not 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. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

VETIVERT OIL ORGANIC

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Approved safety goggles.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Generally unnecessary in a well ventilated area.
If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure controls

Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water courses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Brown. Orange. to Red.
Odour	Characteristic.
Flash point	≥ 93°C
Relative density	0.960 - 1.012 @ 20°C

9.2. Other information

Refractive index	1.510 - 1.530 @ 20°C
Optical Rotation	+2 to +46
Hydrocarbon Content	

VETIVERT OIL ORGANIC

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not known.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid bases Strong acids. Oxidising agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 50,000.0

Acute toxicity - dermal

ATE dermal (mg/kg) 110,000.0

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

SECTION 12: Ecological Information

Ecotoxicity No information available.

12.1. Toxicity

Acute toxicity - aquatic invertebrates No data available.

Chronic toxicity - aquatic invertebrates No data available.

12.2. Persistence and degradability

Biodegradation No data available.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

VETIVERT OIL ORGANIC

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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**

VETIVERT OIL ORGANIC

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).
Guidance	CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	01/11/2017
Revision	3
Supersedes date	19/10/2017
SDS number	5069
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. 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.

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Product Specification

PRODUCT DETAILS		
Product Name	VETIVERT OIL ORGANIC	
Product Code	OCVETI	
Tariff Number	33012941	
INCI Name	Vetiveria Zizanoides Root oil	
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. This product does not contain any solvents or additives.	
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	No but can be added	
Halal Certified	Suitable	
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	Please see flowchart.	
Identification	CAS No: 84238-29-9	EINECS No: 282-490-8
	Alternarrive CAS: 8016-96-4	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Viscous Liquid	
Colour	Brown Orange to Red	
Odour	Characteristic	
Relative Density @ 20°C	0.960 - 1.012	
Refractive Index @ 20°C	1.510 - 1.530	
Optical Rotation °	+2 to +46	
Flash Point °C	≥93	
FRAGRANCE ALLERGENS		
Isoeugenol (97-54-1) <1.3%		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Isoeugenol (97-54-1) <1.3%	Furfural (98-01-1) < 1%	
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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