MYSTIC MOMENTS

CERTIFICATE OF ANALYSIS

PRODUCT	: VETIVER OIL INDONESIAN :
BATCH NO	4548509
BEST BEFORE END	July 2027
Appearance	Brown oily liquid :
Odour	Characteristic of vetiver
Specific gravity @ 25°C	: 0.964
Refractive Index @ 20°C	: 1.505
Solubility	: 1:1

MYSTIC MOMENTS

COSMETIC SENSITISERS (ALLERGENS) LIST

PRODUCT: VETIVER OIL

Sensitiser	CAS No	Percentage
Benzyl Alcohol	100-51-6	
Benzyl Salicylate	118-58-1	
Cinnamyl Alcohol	104-54-1	
Cinnamal	104-55-2	
Citral	5392-40-5	
Coumarin	91-64-5	
Eugenol	97-53-0	
Geraniol	106-24-1	
Isoeugenol	97-54-1	
Anisyl Alcohol	105-13-5	
Benzyl Benzoate	120-51-4	
Benzyl Cinnamate	103-41-3	
Citronellol	106-22-9	
Farnesol	4602-84-0	
Limonene	138-86-3	
Linalool	78-70-6	
Amyl Salicylate	2050-08-0	
Amylcinnamaldehyde	122-40-7	
Anethole	104-46-1	
Benzaldehyde	100-52-7	
Camphor	76-22-2	
Carvone	99-49-0	
Beta Caryophyllene	87-44-5	0.3
Beta Damascenone	23696-85-7	
alpha Damascone	43052-87-5	
Eugenyl acetate	93-28-7	
Geranyl acetate	105-87-3	
Hexadecalactone	109-29-5	

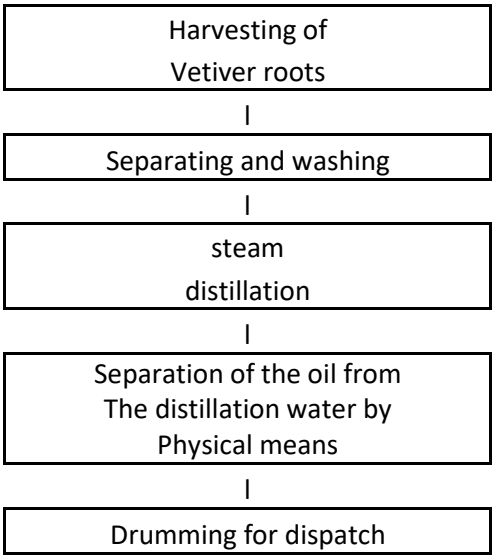
Hexylcinnamaldehyde	**101-86-0**	
Hydroxycitronellal	**107-75-5**	
Linalyl acetate	**115-95-7**	
Menthol	**1490-04-6**	
Methyl Salicylate	**119-36-8**	
alpha Pinene	**80-56-8**	**0.4**
Beta Pinene	**127-91-3**	**0.1**
3-Propylidene phthalide	**17369-59-4**	
Salicylaldehyde	**90-02-8**	
Santalol	**11031-45-1**	
Sclareol	**515-03-7**	
alpha Terpinene	**99-86-5**	
Terpineol	**98-55-5**	
Terpinolene	**586-62-9**	
Vanillin	**121-33-5**	

This list represents the maximum values for each component reported for these oils. The list is intended to be used for declaration purposes in formulations. As they are maximum values the total may exceed 100 % and does not represent the composition of a particular oil

MYSTIC MOMENTS

Process flow Chart

Vetiver Oil



MYSTIC MOMENTS

NON -GMO STATEMENT

PRODUCT: VETIVER OIL

Madar Corporation Limited declares that the product listed above is not derived from or produced using genetically modified organisms or their derivatives.

MYSTIC MOMENTS

IFRA STANDARDS CONFORMITY CERTIFICATE

Fragrance compound

Product: Vetiver

Oil

We certify that the above substance is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 50th Amendment to the IFRA Code of Practice (published January *2021*), It does not appear in the IFRA list of standards and so no information is available on its use in the IFRA Classes:

IFRA class(es) [see respective IFRA guidance for details]	**Level of use (%)***

**Actual use level or maximum use level*

The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

Recommendation: Information about presence and concentration of IFRA restricted/prohibited materials in the Vetiver Oil is as follows:

IFRA Restricted materials:

Ingredient name	**CAS**	**Concentration %**
Alpha cedrene	461-69-4	0.2
Beta cedrene	546-28-1	0.1
Cedrene	11028-42-5	0.3

IFRA prohibited materials: None

Ingredient name	**CAS**	**Details**

Signature *(If generated electronically, no signature)* Date 2January 2021

SAFETY DATA SHEET

Vetiver Oil

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

1.1 Product identifier
Product name Vetiver oil

EC number:	**282-490-8**
EC name:	**Vetiveria zizanioides, ext**
CAS number (EC inventory):	**84238-29-9**
Registration number	

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

Multiple uses in the Fragrances industries

1.3 Details of the supplier of the safety data sheet

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

Tel: 01425 655555
E mail: sales@madarcorporation.co.uk

1.4 Emergency telephone number

In case of emergency Tel. 01425 655555 during office hours

SECTION 2: Hazards Identification

2.1 Classification of the substance

Classification in accordance with GHS Hazard codes

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

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

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

P262 - Do not get in eyes, on skin, or on clothing
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P273 – Avoid release to the environment
P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P391 – Collect spillage

2.2 Label elements

Signal Word WARNING

Pictograms

GHS07 **GHS09**

2.3 Other hazards

SECTION 3: Composition

3.1 Substances

Vetiver oil 100 %

Major Components: beta-vetivenene, beta-vetivone, khusimol, alpha-vetivone, isovalencenol

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Irrigate the eyes with copious volumes of water for at least 15 minutes with the eye lids held open. Seek medical advice if inflammation persists

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INHALATION: Remove person to fresh air, remove any contaminated clothing, in case of

breathing difficulty seek medical advice.

SKIN CONTACT: **Wash affected area with soap and running water, if irritation persists seek medical advice.**

INGESTION: **Dilute internally with water, do not induce vomiting. Seek medical advice immediately.**

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

SECTION 5: Firefighting Measures

5.1 Extinguishing media Foam, CO_2, Dry Powder

5.2 Special hazards arising from the substance or mixture Combustion products: Carbon monoxide, Carbon dioxide, Smoke

5.3 Advice for fire fighters Do Not Use Water as extinguishing media. No special fire fighting equipment required.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear clothing suitable for an emergency

6.2 Environmental precautions

Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.

6.3 Methods and materials for containment and clearing up

Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Handle in a well ventilated area, away from sources of ignition, DO NOT SMOKE.

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled, tightly closed containers away from heat, light and sources of ignition.

7.3 Specific end uses

Used in Fragrances.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters No data available

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type

DNELs for workers No data available

Exposure pattern	Route	DNEL	Dose descriptor
Acute - systemic effects	Dermal		
Acute - systemic effects	Inhalation		
Acute - local effects	Dermal		
Acute - local effects	Inhalation		
Long-term - systemic effects	Dermal		
Long-term - systemic effects	Inhalation		
Long-term - local effects	Dermal		
Long-term - local effects	Inhalation		

PNECs No data available

Compartment	PNEC	Dose descriptor
Fresh water		
Sewage treatment		

8.2 Exposure controls

Engineering controls – Use suitable handling equipment

Respiratory protection – Use only in well ventilated areas. Use protection in poor ventilation.

Hand Protection – Wear gloves

Eye protection – Wear goggles

Skin protection – Wear suitable protective clothing

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Clear, mobile liquid

Odour: Characteristic of vetiver
Odour threshold: No data available
pH: Not applicable
Melting point: Not applicable
Boiling point: Not applicable
Flashpoint: >119^{0}C
Evaporation rate: No data available
Flammability: Combustible
Upper/lower flammability limits: No data available
Vapour pressure: No data available
Vapour density: No data available
Relative density: 0.99
Solubility in water: Insoluble
Solubility in other solvents: Soluble
Partition coefficient (log Kow): No data available
Autoignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidising properties: None

9.2 Other information
Particle size: Not applicable

SECTION 10: Stability and Reactivity

10.1 Reactivity: Will react with oxidising agents

10.2 Chemical stability: Stable under proper storage conditions.

10.3 Possibility of hazardous reactions: Not if stored correctly

10.4 Conditions to avoid: Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.

10.5 Incompatible materials: Oxidising agents

10.5 Hazardous decomposition products: On combustion may produce smoke, carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Toxicokinetics

(a) acute toxicity: LD_{50} >5000 mg/kg (Rat). Dermal >5000mg/kg (Rabbit)
(b) skin corrosion/irritation: Causes skin irritation
(c) serious eye damage/irritation: May cause eye irritation
(d) respiratory/skin sensitisation: May cause an allergic skin reaction
(e) germ cell mutagenicity: No data available
(f) carcinogenicity: No data available
(g) reproductive toxicity: No data available
(h) STOT-single exposure: No data available
(i) STOT-repeated exposure: No data available
(j) aspiration hazard: No data available

SECTION 12: Ecological Information

12.1 Toxicity: No data available

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

12.6 Other adverse effects

SECTION 13: Disposal Considerations

13.1 Waste treatment methods – Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.

SECTION 14: Transport Information

	ADR	IMDG	ICAO
14.1 UN Number	1169		
14.2 UN Proper shipping name	Vetiver oil		
14.3 Transport hazard class(es)	9	9	9
14.4 Packing group	III		
14.5 Environmental hazards			
14.6 Special precautions for user			
14.7 Transport in bulk according to 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

This substance is listed as existing in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD Dangerous Substances Directive 67/548/EEC
DPD Dangerous Preparations Directive 1999/45/EC
EC European Commnity/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References: Food Cosmetics Toxicology 12, 1013 (1974)

The information in this safety data sheet is based on the properties of the material known to MADAR Corporation Ltd at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.

SPECIFICATION

VETIVER OIL JAVA

Botanical source	: Vetiveria zizanioides
Method of Production	: Steam distillation
Appearance	: A brown to reddish-brown coloured viscous liquid
Odour	: Characteristic, woody and earthy
Density @ 20°C	: 0.975 – 1.000 g/ml
Optical Rotation @ 20°C	: +5 to +20
Refractive Index @ 20°C	: 1.500 – 1.530
Acid value	: Maximum 45

MYSTIC MOMENTS

DIETARY PREFERENCES & RESTRICTIONS

STATEMENT

PRODUCT: VETIVER OIL

Madar Corporation Limited certifies that the product listed above is suitable for consumption by:

Vegans Do not eat meat, poultry, fish/seafood, eggs, dairy products, honey	✓
Lacto-Vegetarians Do not eat meat, poultry, fish/seafood, eggs, but do eat dairy products	✓
Ovo-Vegetarians Do not eat meat, poultry, fish/seafood, dairy products, but do eat eggs	✓
Vegetarians Do not eat meat, poultry, fish/seafood, but do eat dairy products and eggs	✓