

**01. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY UNDERTAKING****1.1 Product Identifier**

1.1 Product Identifier	Vetivert Oil				
Biological Definition	Vetiveria Zizanioides Root Oil is an essential oil distilled from the dried roots of the Vetivert, Vetiveria zizanioides, Poaceae.				
INCI Name	Vetiveria Zizanioides Root Oil				
Synonyms Trade Names	-				
CAS Number	8016-96-4 84238-29-9	EC Number	282-490-8	EINECS No.	282-490-8

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

For industrial use by professionals only.

1.3 Details of the supplier of the safety data sheet

Calmer Solutions Limited - Hadresham, Woolborough Lane, Outwood, Surrey, England RH1 5QR - Reg No 4992013

1.4 Emergency Telephone Number

In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 (UK Only)

02. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

The full text for all hazard statements displayed in section 16.

Classification (EC 1272 / 2008)

Physical and Chemical Hazards: Not classified. Human health: Skin Sens. 1 -
H317 Environment: Not Classified.

GHS07

None

None

None

None

**Signal Word**

Warning

Contains

Vetyverol,

Hazard Statements

H317 May cause an allergic skin reaction.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapour/aerosol.

P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302 IF ON SKIN:
 P352 Wash with plenty of soap and water.
 P321 Specific treatment (see... on this label).
 P333 If skin irritation or rash occurs:
 P313 Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.
 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/container to...

Supplementary Precautionary Statements

None Identified

2.3 Other Hazards

PBT or PvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

30 - 60 % Vetyverol	CAS No: 89-88-3	EC No: 201-949-55
Classification (EC 1272/2008): Skin Irrit 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317		
1 - 5 % Eugenol Acetate	CAS No: 93-28-7	EC No: 202-235-6
Classification (EC 1272/2008): Acute Tox. 4 - H302		
0.01 - 0.1 % Limonene	CAS No: 5989-27-5	EC No: 227-813-5
Classification (EC 1272/2008): Flam. Liq. 3 - H226, Skin Irrit. 2 -H315, Skin Sens. 1 - H317, Asp. Tox. 1 -H304, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410		
0 - 1 % Nootkatone	CAS No: 4674-50-4	EC No: Not Defined
No Data		

04. FIRST AID MEASURES

4.1 Description of first aid measures

41 Inhalation:	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
41 Ingestion:	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
41 Eye:	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove

anycontact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

4.1 Skin:

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

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritating to skin.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

05. FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Carbon dioxide, Chemical Powder or Foam. Do not use a direct stream of water.

5.2 Special hazards arising from the product

In case of fire Carbon Monoxide and other unidentified organic compounds may be released.

5.3 Advice for firefighters

In case of insufficient ventilation use suitable respiratory equipment. Wear chemical protective clothing.

06. ACCIDENTAL RELEAS MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and clearing up

Absorb spillage with inert, damp, non-combustible material. Dispose of waste to licensed waste disposal sitein accorda with the requirements of the local Waste Disposal Authority.

6.4 Reference to other sections

For personal protection, see Section 8.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Apply good manufacturing practice and industrial hygiene practices. Keepcontainers sealed when not in use.

7.2 Conditions for safe storage, including and incompatibilities

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

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No additional data available.

8.2 Exposure controls

Protective Equipment

Goggles



Gloves



Overalls



None

None

Process Conditions:	Provide eyewash station.
Engineering Measures:	Provide adequate ventilation.
Respiratory Equipment:	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Hand Protection:	Chemical resistant gloves (PVC)
Eye Protection:	Wear approved safety goggles.
Other Protection:	Wear apron or protective clothing in case of contact.
Hygiene Measures:	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection:	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls:	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Viscous liquid, brown orange to red.
Colour:	Brown Orange to Red.
Flash Point:	100
Odour:	Characteristic.
Relative Density:	0.960 – 1.012 @ 20°C
Refractive:	1.510 - 1.530 @ 20°C
Melting Point:	No additional data available.
Boiling:	No additional data available.
Vapour:	No additional data available.
Solubility:	No additional data available.
Auto Ignition:	No additional data available.

9.2 Other Information

No additional data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No additional data available.

10.2 Chemical Stability

Stable under normal temperature conditions and recommended use.

10.3 Possible hazardous reactions

No additional data available.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Avoid bases, strong acids and oxidising agents.

10.6 Hazardous Decomposition Products

No additional data available.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxological effects

Acute Toxicity:	Acute toxicity - oralATE oral (mg/kg)	26,315.79
Respiratory or skin sensitisation:	No additional data available.	
Skin corrosion/irritation:	No additional data available.	
Serious Eye damage/irritation:	No additional data available.	
Germ Cell Mutagenicity:	No additional data available.	
Carcinogenicity:	No additional data available.	
Reproductive toxicity:	No additional data available.	
STOT Single exposure:	No additional data available.	
STOT Repeated exposure:	No additional data available.	
Photo-toxicity:	No additional data available.	
Aspiration hazard:	Toxic to aquatic organisms, may cause long term adverse effects in theaq	
Other Information:	No additional data available.	

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional data available.

12.2 Persistence Degradability

No additional data available.

12.3 Bioaccumulation Potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment

No additional data available.

12.6 Other adverse effects

No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of waste product or used containers in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 UN number

Road:	Not bound by transport regulations.
Sea:	Not bound by transport regulations.
Air:	Not bound by transport regulations.

14.2 UN Prpoer shipping name

Not bound by tran

14.3 Transport hazard class(es)

Not bound by transport regulations.

Not bound by tra Not bound by tra Not bound by tra

14.4 Packing group

Not bound by transport regulations.

14.5 Environmental Hazards

None.

Not bound by tra Not bound by tra Not bound by tra

14.6 Special precautions for users

None.

14.7 Transport in bulk according to Annex II of MARLPOL73/78 and the IBC Code

No additional data available.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard or precaution	H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
Other Information:::	None
Revision Date:	4/1/2019
Reason:	New SDS
Revision Number:	2

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