

## TECHNICAL DATA SHEET

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Item Code : 1014  
Item Name : VETIVERT OIL

Date : 12/08/2013  
Version : 01

CAS # 8016-96-4<sup>1</sup>  
FEMA # N/A  
EINECS # 282-490-8  
BOTANICAL NAME *Vetiveria zizanoides*  
Product Description A light brown to reddish brown liquid with characteristic odour  
Origin Obtained by steam distillation from the roots of *Vetiveria zizanoides*.

### PHYSICO-CHEMICAL PROPERTIES:

Appearance Light brown to reddish brown  
Physical Status Liquid  
Flash Point (Closed cup) °C 116° C  
Refractive Index 1.520 – 1.528 @ 20 °C  
Relative Density 0.984 – 1.035 @ 25°C  
Optical Rotation N/A  
Solubility in Alcohol 1:2 in 80% alcohol  
Solubility in Water Insoluble  
Assay by GC/MS (%)  

α –Pinene	Khusimol	α-Copaene
α –Morolene	Khusimene	Bicyclo-vetivol
T-Caryophyllene	α-Vetivone	

Shelf Life 12 months with proper storage conditions.  
Legislation Natural  
Stability Avoid strong acids strong bases & all oxidizing agents.

**HANDLING PRECAUTION**  
Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

**PACKING & STORAGE**  
Should be stored in cool, dry, well ventilated places in full, tightly sealed containers. Protected from light & source of ignition. Packed in Aluminum, HDPE Food Grade Cans, MS Coated Drums, GI Drums. Avoid long contact with Iron, heat and light.

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