TECHNICAL DATA SHEET

Item Code : 1014
Item Name : VETIVERT OIL

CAS # : 8016-96-4
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
- α–MOROLENE
- T-CARYOPHYLLENE
- KUSIMOL
- KUSIMENE
- α-COPAENE
- α-VETIVONE
- bicyclo-vetivol

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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