

TECHNICAL DATA SHEET

Sr. No. : RM0191-V-02

Printed Date 21/03/2018

Item Code	:	RM0191	Date	:	17/06/2013
Item Name	:	VETIVERT OIL CO2	Version	:	02

CAS #	8016-96-4
EINECS #	282-490-8
Botanical Name	Vetiveria zizanioides
Product Description	Golden to dark brown viscous liquid with woody herbaceous, spicy odour.
Origin	Obtained by the CO2 extraction from the roots of Vetiveria zizanioides.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Golden to dark brown
Physical Status	LIQUID
Flash Point (Closed cup) °C	130°C
Refractive Index	1.513 - 1.590 @25°C
Relative Density	0.978 - 1.350 @25°C
Optical Rotation	+22° to +48°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	Khisiol: 12-20% alpha Vetivone: 5.0-10% Isovalencenol: 5.0-15% beta Vetivone: 2.0-5.0% Cyclosativene: 1.0-3.0% Khusimene: 0.1-0.5%

Shelf Life	12 months under proper storage conditions.
Legislation	Natural
Stability	Avoid strong acid strong base and all oxidizing agent.
Uses	Perfumes & Fragrances

HANDLING PRECAUTION Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing

PACKING & STORAGE Store at ambient temperature, dry and well-ventullated area, away from heat source and protected from light. Store in tightly sealed original containers, packed in Aluminium bottles, HDPE Food grade cans, MS Coated Drums or GI Drums. Keep air contact min

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