

## SPECIFICATION SHEET

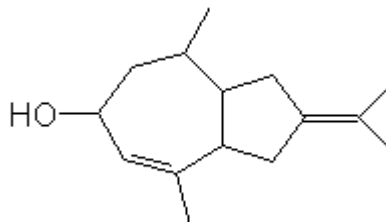
**VERSION** 4,00      **VERSION DATE** 14/05/10      **PRINT DATE** 18/02/20

**PRODUCT** VETIVEROL NATURAL (EX VETIVER BRASIL)  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of fragrances.  
**IUPAC NAME** OCTAHYDRO-7,7-DIMETHYL-8-METHYLENE-1H-3A,6-METHANO  
**SYNONYMS**

**PLANT OF ORIGIN** Vetiveria zizanioides  
**PART OF THE PLANT** ROOTS

**FORMULA**

**MOLECULAR WEIGHT** 0,00  
**CAS** 84238-29-9  
**CAS 2** 89-88-3  
**EINECS** 282-490-8  
**EINECS 2** 201-949-5



**TARIFF NUMBER** 2906190090

**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

**ASPECT AT 20° C** VISCOUS LIQUID  
**COLOUR** YELLOW TO PALE BROWN  
**ODOUR** WOODY, EARTHY, DRY, SWEET, WARM  
**TASTE**  
**DENSITY A 20° C (g / ml)** 0,980 - 1,000  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,5150 - 1,5250  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** 30,00 / 55,00  
**BOILING POINT (°C)**  
**MELTING POINT (°C)**  
**FLASH POINT (°C)** 111,00  
**ASSAY (% GC)** VETIVEROL: >10%  
**ACID VALUE (mg KOH/g)**  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA**

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.