

 <p>Route de FA 11260 ESPERAZA France</p> <p>☎ 33 (0).468.741.789 ☎ 33 (0).468.741.579 ✉ info@golgemma.com</p>	<b>DATA SHEET</b>  <b>VETIVER MADAGASCAR ORG OIL FFL</b>  <i>Chrysopogon zizanioides (L.) Roberty (Syn : Vetiveria zizanioides (L.) Nash)</i>	Number of pages : 2 Created on : 02/11/2003 Modified on : 18/06/2019 Last update : 17/09/2019
	<b>TDS B945F</b> Version 04.51	

Organic product certified by FR-BIO-01

**PROCESSING METHOD**

Essential Oil obtained by steam distillation from the root of *Chrysopogon zizanioides (L.) Roberty (Syn : Vetiveria zizanioides (L.) Nash)*

**PHYSICAL PROPERTIES**

Odour	: <b>Woody, earthy and smoked</b>
Appearance	: <b>Viscous liquid</b>
Color	: <b>Brun ambré à rougeâtre</b>

**CHEMICAL PROPERTIES**

Specific gravity at 20°C	: <b>0,990 to 1,050</b>
Refractive index at 20°C	: <b>1,520 to 1,530</b>
Optical rotation at 20°C	: <b>+17,0 ° to +40,0 °</b>
Flash point	: <b>&gt;= +100 °C</b>
Acid value	: <b>N.A.</b>
Peroxide value	: <b>N.A.</b>

**MAIN INGREDIENTS**

<b>Zizanoic acid (&lt;= 20,00%)</b>
<b>Khusimol (4,00 to 18,00%)</b>
<b>Isovalencenol (&lt;= 14,00%)</b>
<b>Alpha vetivone (&lt;= 9,00%)</b>
<b>Beta vetivene (&lt;= 9,00%)</b>
<b>Beta vetivone (&lt;= 8,00%)</b>

**TECHNICAL SPECIFICATIONS****NCS, Natural Complex Substance (100% pure and natural)**

N°CAS TSCA	: <b>8016-96-4</b>
N°CAS EINECS	: <b>84238-29-9</b>
N°EINECS	: <b>282-490-8</b>
N°FEMA	: <b>-</b>
N°FDA	: <b>172.510</b>
N°CoE:	: <b>479n</b>
FCC	: <b>-</b>
RIFM	: <b>X</b>
FMA	: <b>X</b>
AFNOR	: <b>NF T 75-344</b>
INCI	: <b>VETIVERIA ZIZANOIDES ROOT OIL</b>
Country of harvest	: <b>MADAGASCAR</b>
Country of manufacturing	: <b>MADAGASCAR</b>

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**HANDLING, STORING AND SHELF LIFE**

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Follow usual precaution of chemical ingredient handling. Store in a sealed container, in a dry, cool and aired area, protected from the light.

**Shelf life : 36 months from the date of manufacture**

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**TRANSPORT INFORMATION**

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**Not regulated**

Customs rate code : **3301 29 41**

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**SPECIAL INDICATIONS**

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- The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (Annex III of Regulation (EC) N°1223/2009 of 30 november 2009 on cosmetic products)

Present allergens : **None**

- IFRA restrictions : **Not regulated**

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Contact **M. DENAT Jean-François**

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