

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**VETYVEROL NATUREL**

Manufacture PCW

Reference : VETYVEROL NATUREL

TECHNICAL DATA

<i>I.N.C.I. :</i>	VETIVEROL
<i>IUPAC Name :</i>	1,2,3,3a,4,5,6,8a-Octahydro-2-isopropylidene-4,8-dimethylazulen-6-ol ; vetivenol
<i>Chemical / REACH name :</i>	Vetiverol
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Molecular formula :</i>	C ₁₅ H ₂₄ O
<i>Origine géographique :</i>	Haïti
<i>Ref code :</i>	VETYNAT-1
<i>CAS number :</i>	68129-81-7 / 89-88-3
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Ionization :</i>	Not submitted to a processing of ionization

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Yellow-green
<i>Odour :</i>	Conform to the commercial description.
<i>Density 20/20°C :</i>	[0.983 ; 1.003]
<i>Refractive index n (20/D) :</i>	[1.517 ; 1.527]
<i>Optical rotation (°) :</i>	[+28 ; +38]
<i>Flash point (°C) (close cup) :</i>	>60

COSMETIC REGULAR DATA

<i>Halal status :</i>	Complies with halal requirements
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>ISO 16128 :</i>	The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Conform

VETYVEROL NATUREL

REGULAR DATA FLAVOURS

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Does not contain ingredient from animal origin

TRANSPORT - HANDLING - STORAGE

Custom tariff : 2906 19 00 90

Shelf life : 10 months, according to storage conditions

Storage : Store in cool place (15°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : Not listed
KECI : Not listed
EINECS (EU) : 268-578-9
ENCS (Japan) n° : Not listed
FDA : Not listed
FEMA : 4217
FLAVIS : 02.214
IECSC (China) : Listed
JECFA n° : 1866
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NEPA (China) : CB2254045 ; CB9254044
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 937
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 68129-81-7 89-88-3