

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**VERNALDEHYDE**

Manufacture PCW

Reference : VERNALDEHYDE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Vernaldehyde
<i>IUPAC Name :</i>	1-Methyl-4-(4-methylpentyl)cyclohex-3-ene-1-carbaldehyde
<i>Chemical / REACH name :</i>	1-methyl-4-(4-methylpentyl)cyclohex-3-ene-1-carbaldehyde
<i>Molecular formula :</i>	C14 H24 O
<i>Origine géographique :</i>	China
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>CAS number :</i>	66327-54-6 ; 693252-50-5
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ref code :</i>	VERN-1
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Green, aldehydic, metallic, fresh
<i>Density at 20°C :</i>	[0.893 ; 0.898]
<i>Densité à 20/4°C :</i>	[0.891 ; 0.896]
<i>Refractive index @ 20°C :</i>	[1.465 ; 1.469]
<i>Indice de réfraction à 25°C :</i>	[1.463 ; 1.467]
<i>Flash point (°C) (close cup) :</i>	78
<i>Somme of isomers (by G.C.) (%) :</i>	[88.0 ; 100.0]
<i>Relative density @ 25°C :</i>	[0.890 ; 0.895]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	Not added directly
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements

VERNALDEHYDE

<i>% renewable carbons :</i>	71%
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	The Natural Index is: In= 0. The Natural Origin Index is: Ino= 0.71.

REGULAR DATA FLAVOURS

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

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2912 29 00 90
<i>Shelf life :</i>	12 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

TCSI (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 1018
PICCS (Philippines) : Listed
NEPA (China) : CB2315812
DSL (Canada) : Listed
ISHL (Japan) : Listed
IECSC (China) : Listed
ENCS (Japan) n° : Listed
EINECS (EU) : 945-920-1
KECI : 2016-1-744
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 66327-54-6 693252-50-5