

**PCW**

PARFUM COSMETIC WORLD

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Site : www.pcwfrance.com Mail : info@pcwfrance.com**Technical Data Sheet****VERDYL ACETATE**

Manufacture PCW

Reference : VERDYL ACETATE

TECHNICAL DATA

<i>IUPAC Name :</i>	3a,4,5,6,7,7a-Hexahydro-4,7-methanoinden-6-yl Acetate
<i>I.N.C.I. :</i>	Verdyl acetate
<i>Chemical / REACH name :</i>	Tricyclodecenyl acetate
<i>Molecular formula :</i>	C ₁₂ H ₁₆ O ₂
<i>Origine géographique :</i>	India
<i>Process :</i>	Verdyl Acetate is prepared by the esterification reaction of Dicyclopentadiene with the Acetic Acid in the presence of Acid Catalyst.
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Ref code :</i>	VERA-1
<i>CAS number :</i>	5413-60-5 / 2500-83-6
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Density at 25°C :</i>	[1.067 ; 1.077]
<i>Indice de réfraction à 25° C :</i>	[1.491 ; 1.496]
<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Powerful, herbaceous-green, fruity, fresh, woody
<i>Boiling point (°C) :</i>	246.8
<i>Flash point (°C) (close cup) :</i>	111
<i>Peak #1 (%) :</i>	[0 ; 2.0]
<i>Peak #2 (%) :</i>	[92.0 ; 95.0 (major isomer)]
<i>Peak #3 (%) :</i>	[2.0 ; 6.0]
<i>Peak #4 (%) :</i>	[0.5 ; 1.5]
<i>Somme of isomers (by G.C.) (%) :</i>	[98 ; 100]
<i>Purity (%) :</i>	-
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors

VERDYL ACETATE

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements
<i>Palm oil or palm oil derivatives :</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>	0% of natural origin

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>	Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	24 months, according to storage conditions
<i>Custom tariff :</i>	2915 39 00
<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 :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : Not listed
KECI : KE-18574
EINECS (EU) : 226-501-6
ENCS (Japan) n° : (4)-658
EPA N° : Not listed
FDA : Not listed
FEMA : Not listed
FLAVIS : Not listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB0401407 ; CB7401406
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 1000
Swiss Giftliste 1 : Listed
TSCA (Toxic Substances Control Act - USA) : 5413-60-5 ; 2500-83-6
C.A.S : 5413-60-5 2500-83-6