

**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**VERDYL PROPIONATE**

Manufacture PCW

Reference : VERDYL PROPIONATE

TECHNICAL DATA

<i>IUPAC Name :</i>	3a,4,5,6,7,7a-Hexahydro-4,7-methano-1H-inden-6-yl Propanoate
<i>I.N.C.I. :</i>	Tricyclodecenyl propionate
<i>Chemical / REACH name :</i>	Dihydro-nor-dicyclopentdienyl propionate
<i>Molecular formula :</i>	C13 H18 O2
<i>Origine géographique :</i>	India
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>CAS number :</i>	68912-13-0 / 17511-60-3
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Ref code :</i>	VERP-1
<i>Nanomaterials :</i>	Ne contient pas de nanomatériaux tels que définis dans le Règlement (CE) 1223/2009 et Recommandation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Viscous liquid
<i>Colour :</i>	Colourless to clear yellow
<i>Odour :</i>	Herbaceous-green, fruity, fresh, woody
<i>Relative density @ 25°C :</i>	[1.047 ; 1.057]
<i>Indice de réfraction à 25°C :</i>	[1.488 ; 1.492]
<i>Peak #1 (%) :</i>	[1.00 ; 2.50]
<i>Peak #2 (%) :</i>	[90.00 ; 97.00 (major isomer)]
<i>Peak #3 (%) :</i>	[2.00 ; 6.00]
<i>Peak #4 (%) :</i>	[0.50 ; 2.00]
<i>Peak #5 (%) :</i>	[0.00 ; 0.50]
<i>Purity (%) :</i>	[97.0 ; 100.0]
<i>Flash point (°C) (close cup) :</i>	119

ANALYTICAL DATA SPECIFIC

<i>Heavy metal :</i>	Arsenic (As) <3 ppm, Lead (Pb) < 10ppm, Cadmium (Cd) <1ppm, Mercury (Hg) <1ppm
----------------------	--

VERDYL PROPIONATE

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>% renewable carbons :</i>	0%
<i>ISO 16128 :</i>	The Natural Index is: In= 0. The Natural Origin Index is: Ino=0.
<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>	En accord avec l'article 18 du Règlement Cosmétique (CE) n°1223/2009
<i>ISO 9235 :</i>	Non concerné

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>	Ne contient pas d'ingrédient d'origine animale.

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	24 months, according to storage conditions
<i>Custom tariff :</i>	2915 50 00 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 :

RIFM - ID N° : 5942
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB8685135
TCSI (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
JECFA n° : Not listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
FEMA : Not listed
FDA : Listed
EPA N° : Not listed
ENCS (Japan) n° : (4)-658
EINECS (EU) : 272-805-7
KECI : KE-18575
COE (Council of Europe) : Not listed
TSCA (Toxic Substances Control Act - USA) : Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 17511-60-3 68912-13-0