

**PCW**

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Technical Data Sheet**VERDYL PROPIONATE**

Manufacture PCW

Reference : VERDYL PROPIONATE

1 - 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>Synonyms :</i>	Tricyclopentadiene propionate ; Florocyclene ®
<i>Molecular formula :</i>	C13 H18 O2
<i>Molecular weight :</i>	206
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	India
<i>Anti-oxydant(s) :</i>	None
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Viscous liquid
<i>Color :</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>Acid Value :</i>	[0.0 ; 1.0 mgKOH/g]
<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>Impurities >0.01% :</i>	-
<i>Melting point (°C) :</i>	-20

VERDYL PROPIONATE

Flash point (°C) (close cup) : 119
Boiling point (°C) : 263
Ignition temperature : No data

1.5 VLEP

VLEP short term mg/m3 (98/24/CE) : No data
VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

Statut kosher : Certified
Halal status : -
CAS number : 68912-13-0 / 17511-60-3
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : No restrictions (50th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
ISO 16128 : The Natural Index is: In= 0. The Natural Origin Index is: Ino=0.

2.1 - REGULAR DATA FLAVOURS

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Ionization : -
REG. 872/2012 CE Annex 1 : Not listed
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions
Tunnel codes ADR : E
Custom tariff : 2915 50 00 00
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tricyclopentadiene propionate), 9, III
Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tricyclopentadiene propionate), 9, III
Marine pollutant : Yes
Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Tricyclopentadiene propionate), 9, III

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LEGISLATION :

RIFM - ID N° : 856
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

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2

H411 - Toxic to aquatic life with long lasting effects.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.