

**PCW**

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Technical Data Sheet**CARYOPHYLLENE ACETATE**

Manufacture PCW

Reference : CARYOPHYLLENE ACETATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Trimethyltricyclododecanyl acetate
<i>IUPAC Name :</i>	(1R-(1 α ,2 α ,5 β ,8 β))-4,4,8-Trimethyltricyclo[6.3.1.0 ^{2,5}]dodecanyl acetate
<i>Chemical / REACH name :</i>	[1R-(1 α ,2 α ,5 β ,8 β))-4,4,8-trimethyltricyclo[6.3.1.0 ^{2,5}]dodecan-1-yl acetate
<i>Synonyms :</i>	Trimethyl tricyclododecanyl acetate, beta-caryophyllene acetate, actoxy caryolane
<i>Molecular formula :</i>	C ₁₇ H ₂₈ O ₂
<i>Molecular weight :</i>	264.4
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	>8%
<i>Anti-oxydant(s) :</i>	Any
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Woody, spicy, amber
<i>Density at 20°C :</i>	[0.993 ; 1.003]
<i>Refractive index @ 20°C :</i>	[1.484 ; 1.494]
<i>Acid Value :</i>	[0.17 ; 1 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	[295 ; 296]
<i>Flash point (°C) (close cup) :</i>	147
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[80 ; 100]
<i>Impurities >0.01% :</i>	Beta-caryophyllene 0.25%

1.5 VLEP

<i>VLEP short term mg/m³ (98/24/CE) :</i>	No data
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CARYOPHYLLENE ACETATE

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

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : No restrictions (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : -
Hallal status : -
CAS number : 57082-24-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Not listed
Foodgrade certificate : Does not comply with the requirements of Regulations 1334/2008/EC & 872/2012/EC
Genetically Modified Organisms (GMO) : -
Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2915 90 70 90
Tunnel codes ADR : /
Shelf life : 12 months, according to storage conditions
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 : NR Not regulated for transport
Maritime Transport IMDG : NR Not regulated for transport
Marine pollutant :
Air Transport IATA : NR Not regulated for transport

CARYOPHYLLENE ACETATE

LEGISLATION :

NEPA (China) : CB4474003
JECFA n° : Not listed
ENCS (Japan) n° : Not listed
ISHL (Japan) : Not listed
ECSI (Taiwan) : Not listed
ECL (Corée du Sud) n° : Not listed
FLAVIS : Not listed
RIFM - ID N° : 1282
NZIoC (New Zealand) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
EINECS (EU) : 260-555-1
FEMA : Not listed
FDA : Not listed
COE (Council of Europe) : Not listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
IECSC (China) : Listed
C.A.S : 57082-24-3

Labeling :



Symbol: Xi
R43: May cause sensitization by skin contact.
S37: Wear suitable gloves.
S24: Avoid contact with skin.

Update(s) :
19/03/2012 V2 TARIC Code