

**PCW**

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Manufacture PCW

Reference : BORNYL ACETATE (LAEVO)

1 - TECHNICAL DATA

Ref code :	ACB-1
I.N.C.I. :	Bornyl acetate
IUPAC Name :	(1,7,7-trimethyl-6-bicyclo[2.2.1]heptanyl) acetate
Chemical / REACH name :	[(1S,3R,4S)-4,7,7-trimethyl-3-bicyclo[2.2.1]heptanyl] acetate
Synonyms :	Bornyl ethanoate ; bornyl acetic ether ; endo-2- camphanyl acetate
Molecular formula :	C ₁₂ H ₂₀ O ₂
Molecular weight :	196
Origine géographique :	Spain
Origin raw material :	Synthetic
Use of the substance / mixture :	Industrial use only
End use :	Fragrances / Cosmetic / Flavours
Anti-oxydant(s) :	None
Water solubility :	No
Solubility in alcohol (°) :	Yes

1.1 - ANALYTICAL DATA

Appearance :	Liquid to solid
Color :	Colorless liquid to white solide
Odour :	Balsamic, woody, fresh, pine
Density 20/20°C :	[0.986 ; 0.996]
Refractive index @ 20°C :	[1.460 ; 1.468]
Acid Value :	[0 ; 1 mgKOH/g]
Flash point (°C) (close cup) :	>100
Boiling point (°C) :	224
Melting point (°C) :	[27 ; 29]
Ignition temperature :	-
Purity (%) :	[98 ; 100]
Impurities >0.01% :	-
Optical rotation (°) :	[-44 ; -36]
Relative density @ 25°C :	[0.985 ; 0.995]

BORNYL ACETATE (LAEVO)

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

VOC Swiss - Annex 1 : Not listed
IFRA : No restrictions (50th Am.)
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate
Halal status : In compliance with the religious concepts
Statut kosher : Certified
CAS number : 5655-61-8 ; 76-49-3
Animal testing : This product was not tested on animals.
Nanoparticle : Not concerned
ISO 9235 : -
ISO 16128 : -

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed
Natural status (Reg. 1334/2008/EC) : Flavouring substance
Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
Ionization : Not submitted to a processing of ionization
Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
Vegan : Yes
Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : /
Precautions of use : Avoid any direct contact with the product.
Shelf life : 24 months, according to storage conditions
Custom tariff : 2915 39 00 90

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 : No
Air Transport IATA : NR Not regulated for transport

BORNYL ACETATE (LAEVO)

LEGISLATION :

RIFM - ID N° : 231 / 6854
EINECS (EU) : 227-101-4
COE (Council of Europe) : Not listed
FLAVIS : 09.848
FDA : Not listed
FEMA : 4080
JECFA n° : 1864
NEPA (China) : CB1352245
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
KECI : Not listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : (4)-626
TCSI (Taiwan) : Listed
IECSC (China) : Listed
C.A.S : 5655-61-8 76-49-3

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC