

**PCW**

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Technical Data Sheet**BORNYL ACETATE (LAEVO) - ACB/1**

Manufacture PCW

Reference : BORNYL ACETATE (LAEVO) - ACB/1

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Endo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₂ H ₂₀ O ₂
<i>Molecular weight :</i>	196.29
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Bornyl acetate
<i>IUPAC Name :</i>	eBicyclo[2.2.1]heptan-2-ol, 1,7,7-trimethyl-, 2-acetate,n(1R,2S,4R)-rel-,Endo-bornyl acetate

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid/Solid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Pine, camphoraceous, herbal, balsam
<i>Density at 20°C :</i>	[0.978 ; 0.988]
<i>Refractive index @ 20°C :</i>	[1.462 ; 1.466]
<i>Acid Value :</i>	[0 ; 0.5 mgKOH/g]
<i>Melting point (°C) :</i>	[10 ; 30]
<i>Boiling point (°C) :</i>	[226 ; 227]
<i>Flash point (°C) (close cup) :</i>	100
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	Isobornyl acetate 10-35%

1.5 VLEP

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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

Low VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : Certified

Hallal status : -

CAS number : 76-49-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg. 1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

Precautions of use : -

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

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LEGISLATION :

NEPA (China) : CB1352245
ISHL (Japan) : Not listed
ENCS (Japan) n° : (4)-626
ECL (Corée du Sud) n° : KE-05-0590
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
ECIS (Taiwan) : Listed
IECSC (China) : Listed
COE (Council of Europe) : 207
RIFM - ID N° : 6854
JECFA n° : 1387
FLAVIS : 09.017
FEMA : 2159
EINECS (EU) : 200-964-4 ; 227-101-4
C.A.S : 76-49-3 5655-61-8

Labeling :

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