

**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**ISOBORNYL ACETATE**

Manufacture PCW

Reference : ISOBORNYL ACETATE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Bicyclo[2.2.1]heptan-2-ol,1,7,7-trimethyl-, acetate, exo-
<i>I.N.C.I. :</i>	Isobornyl acetate
<i>Chemical / REACH name :</i>	Exo-1,7,7-Trimethylbicyclo(2.2.1)heptan-2-yl acetate
<i>Synonyms :</i>	Isobornyl acetate
<i>Molecular formula :</i>	C ₁₂ H ₂₀ O ₂
<i>Molecular weight :</i>	196.29
<i>Chimic Class :</i>	Aromatic ester
<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>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Anti-oxydant(s) :</i>	None
<i>Solvent(s) :</i>	None

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	With cool and refreshing pine needle
<i>Density at 20°C :</i>	[0.980 ; 0.986]
<i>Refractive index @ 20°C :</i>	[1.460 ; 1.465]
<i>Acid Value :</i>	[0 ; 1 mg KOH/g]
<i>Flash point (°C) (close cup) :</i>	96
<i>Boiling point (°C) :</i>	227
<i>Purity (%) :</i>	97% min.
<i>Melting point (°C) :</i>	Not determined
<i>Ignition temperature :</i>	Not determined

1.5 VLEP

ISOBORNYL ACETATE

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
Hallal status : In compliance with the religious concepts
CAS number : 125-12-2
Reg. 1223/2009 & mod. : -
Allergens SCCNFP List : See certificate
IFRA : No restrictions (49th Am.)
CMR (Reg. 1223/2009/EEC) : None
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

2.1 - REGULAR DATA FLAVOURS

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
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

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions
Custom tariff : 2915 39 00 75
Tunnel codes ADR : -
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

ISOBORNYL ACETATE

LEGISLATION :

FLAVIS : 09.218
Swiss Giftliste 1 : G-6866
FEMA : 2160
FDA : 172.515
EPA N° : Listed
ENCS (Japan) n° : 4-1216
EINECS (EU) : 204-727-6
ECL (Corée du Sud) n° : KE-34421
COE (Council of Europe) : 2066
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
TSCA (Toxic Substances Control Act - USA) : 125-12-2
RIFM - ID N° : 127
PICCS (Philippines) : Listed
NZIoC (New Zealand) : HSNO Approval Code HSR003572
NEPA (China) : CB0358907
JECFA n° : 1388
C.A.S : 125-12-2

Labeling :

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