

**PCW**

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Technical Data Sheet**BENZYL ACETATE**

Manufacture PCW

Reference : BENZYL ACETATE

1 - TECHNICAL DATA

<i>Ref code :</i>	AB-1
<i>IUPAC Name :</i>	Methyl Phenylacetate; Methyl alpha-Toluate
<i>I.N.C.I. :</i>	Benzyl acetate
<i>Chemical / REACH name :</i>	Acetic Acid Benzyl Ester
<i>Synonyms :</i>	Benzyl ethanoate ; Acetic acid, benzyl ether
<i>Molecular formula :</i>	C9 H10 O2
<i>Molecular weight :</i>	150.18
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Anti-oxydant(s) :</i>	None
<i>Use level max. recom. :</i>	Fragrances : 30% / Flavours : 750 ppm

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Fruity, floral, jasmine
<i>Density @ 25°C :</i>	[1.052 ; 1.059]
<i>Refractive index @ 20°C :</i>	[1.501 ; 1.504]
<i>Acid Value :</i>	[0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	- 51
<i>Flash point (°C) (close cup) :</i>	97
<i>Boiling point (°C) :</i>	213
<i>Purity (%) :</i>	[99.5 ; 100.0]
<i>Peak #1 (%) :</i>	Ester content : 99.0 min.
<i>Impurities >0.01% :</i>	Benzyl alcohol 0.05% max.
<i>Ignition temperature :</i>	-

1.2 - ANALYTICAL DATA SPECIFIC

BENZYL ACETATE

Heavy metal :	-
Arsenic (As) :	< 1.1 ppm
Lead (Pb) :	< 1 ppm
Mercury (Hg) :	< 1 ppm
Cadmium (Cd) :	< 1 ppm
Copper (Cu) :	< 20 ppm
Zinc (Zn) :	< 40 ppm

1.5 VLEP

VLEP (8h) mg/m ³ (98/24/CE) :	61
VLEP short term mg/m ³ (98/24/CE) :	No data

2 - COSMETIC REGULAR DATA

CAS number :	140-11-4
Allergens SCCNFP List :	See certificate
Reg. 1223/2009 & mod. :	See certificate
IFRA :	Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) :	No
VOC Swiss - Annex 1 :	Listed - 2915.3980
Statut kosher :	Certified
Halal status :	Certified
Animal testing :	This product was not tested on animals.
Nanoparticle :	Not concerned
Low 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
Food allergens (Reg. 1169/2011/EC) :	None
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
Ionization :	Not submitted to a processing of ionization
Vegan :	Yes

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :	12 months, according to storage conditions
Tunnel codes ADR :	/
Custom tariff :	2915 39 00 90
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.
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Transport :

Land Transport ADR/RID :	NR Not regulated for transport
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BENZYL ACETATE

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

FEMA : 2135

FDA : 172.515

EPA N° : Not listed

NZIoC (New Zealand) : Listed

RIFM - ID N° : 106

KECI : KE-02778

COE (Council of Europe) : 204c

IECSC (China) : Not listed

ENCS (Japan) n° : 3-1020

EINECS (EU) : 205-399-7

Swiss Giftliste 1 : G-1249

FLAVIS : 09.014

JECFA n° : 23

DSL (Canada) : Not listed

TSCA (Toxic Substances Control Act - USA) : 140-11-4

AICS (Australian Invent. Chem. Subs.) : Listed

PICCS (Philippines) : Listed

C.A.S : 140-11-4

Labeling :

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H412 - Harmful to aquatic life with long lasting effects.

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