

**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**FENCHYL ACETATE - FENCH/1**

Manufacture PCW

Reference : FENCHYL ACETATE - FENCH/1

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Fenchyl acetate
<i>IUPAC Name :</i>	1,3,3-trimethyl-2-norbornanyl acetate
<i>Chemical / REACH name :</i>	1,3,3-trimethyl-2-norbornanyl acetate
<i>Synonyms :</i>	1,3,3-trimethyl-bicyclo[2.2.1]heptan-2-yl acetate
<i>Molecular formula :</i>	C ₁₂ H ₂₀ O ₂
<i>Molecular weight :</i>	196
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Fir needle, mild, sweet
<i>Density at 20°C :</i>	[0.965 ; 0.975]
<i>Refractive index @ 20°C :</i>	[1.454 ; 1.459]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	84
<i>Boiling point (°C) :</i>	220
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	[0.01 ; 56.0]

1.5 VLEP

<i>VLEP short term mg/m³ (98/24/CE) :</i>	No data
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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%
IFRA : No restrictions (50th Am.)
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate
Hallal status : -
Statut kosher : -
CAS number : 13851-11-1 ; 4057-31-2

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 : -
Genetically Modified Organisms (GMO) : -
Bovine Spongiform Encephalopathy (BSE) : -

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

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

FENCHYL ACETATE - FENCH/1

LEGISLATION :

COE (Council of Europe) : 11769
JECFA n° : 1399
FLAVIS : 09.269
EINECS (EU) : 237-588-5
FEMA : 3390
IECSC (China) : Listed
ECSI (Taiwan) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
ECL (Corée du Sud) n° : Not listed
ENCS (Japan) n° : Not listed
ISHL (Japan) : Not listed
NEPA (China) : CB2376271
C.A.S : 13851-11-1 4057-31-2

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.