

**PCW**

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Technical Data Sheet**BENZYL CINNAMATE**

Manufacture PCW

Reference : BENZYL CINNAMATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Benzyl cinnamate
<i>IUPAC Name :</i>	2-Propenoic acid, 3-phenyl, phenylmethyl ester
<i>Chemical / REACH name :</i>	Benzyl cinnamate
<i>Synonyms :</i>	Benzyl alcohol cinnamic ester ; Cinnamein
<i>Molecular formula :</i>	C16 H14 O2
<i>Molecular weight :</i>	238.3
<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>	Tocopherol 0.050 %
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Conform to the commercial description
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	[0 ; 1 mgKOH/g]
<i>Melting point (°C) :</i>	[34 ; 36]
<i>Boiling point (°C) :</i>	[358 ; 361]
<i>Flash point (°C) (close cup) :</i>	180
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	98.5 %
<i>Impurities >0.01% :</i>	Benzyl alcohol 0.5%

1.5 VLEP

BENZYL CINNAMATE

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

High VOC (CARB) : No data

COV medium (CARB) : No data

Low VOC (CARB) : No data

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : No data

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (49th Am.)

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

Statut kosher : Certified

Hallal status : Certified

CAS number : 103-41-3

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) : 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

Custom tariff : 2916 39 90 90

Tunnel codes ADR : E

Shelf life : 18 months, according to storage conditions

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 : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Cinnamate de benzyle), 9, III

Maritime Transport IMDG : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Cinnamate de benzyle), 9, III

Marine pollutant :

Air Transport IATA : 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Cinnamate de benzyle), 9, III

BENZYL CINNAMATE

LEGISLATION :

EINECS (EU) : 203-109-3

RIFM - ID N° : 284

ECL (Corée du Sud) n° : KE-02821

ECSI (Taiwan) : Listed

ENCS (Japan) n° : (3)-1739

ISHL (Japan) : Not listed

FDA : 172.515

FEMA : 2142

JECFA n° : 670

FLAVIS : 09.738

COE (Council of Europe) : 331

NEPA (China) : CB7413201

IECSC (China) : 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

C.A.S : 103-41-3