

**PCW**

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Technical Data Sheet**ALPHA AMYL CINNAMIC ALDEHYDE**

Manufacture PCW

Reference : ALPHA AMYL CINNAMIC ALDEHYDE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Amyl cinnamal
<i>IUPAC Name :</i>	2-Benzylideneheptanal
<i>Chemical / REACH name :</i>	2-benzylideneheptanal
<i>Synonyms :</i>	a-Pentylcinnamaldehyde ; Amylcinnamic aldehyde ; a-Amylcinnamaldehyde ; Jasmin aldehyde ; Jasmonal ; 2-(Phenylmethylene) heptanal ; a-Pentylcinnamaldehyde
<i>Molecular formula :</i>	C14 H18 O
<i>Molecular weight :</i>	202
<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>	0.2% TBHQ
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	AACA-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale yellow - clare yellow
<i>Odour :</i>	Sweet, floral, fatty
<i>Density @ 25°C :</i>	[0.955 ; 0.975]
<i>Indice de réfraction à 25°C :</i>	[1.550 ; 1.565]
<i>Acid Value :</i>	[0 ; 2.00 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	287
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[97.00 ; 100.00]
<i>Impurities >0.01% :</i>	-
<i>Residual solvent(s) :</i>	None

ALPHA AMYL CINNAMIC ALDEHYDE

1.2 - ANALYTICAL DATA SPECIFIC

<i>Cadmium (Cd) :</i>	<1 mg/kg
<i>Mercury (Hg) :</i>	<1 mg/kg
<i>Lead (Pb) :</i>	<10 mg/kg
<i>Arsenic (As) :</i>	<3 mg/kg

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
<i>VLEP (8h) mg/m3 (98/24/CE) :</i>	No data

2 - COSMETIC REGULAR DATA

<i>VOC Swiss - Annex 1 :</i>	Not listed
<i>LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :</i>	100%
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	Restricted (50th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Statut kosher :</i>	Certified
<i>Halal status :</i>	In compliance with the religious concepts
<i>CAS number :</i>	122-40-7
<i>Nanoparticle :</i>	None
<i>Animal testing :</i>	This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>REG. 872/2012 CE Annex 1 :</i>	Listed
<i>Foodgrade certificate :</i>	Certified
<i>Genetically Modified Organisms (GMO) :</i>	Does not result / does not contain GMO
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
<i>Vegan :</i>	Yes
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None

4 - TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2912 29 00 90
<i>Tunnel codes ADR :</i>	E
<i>Shelf life :</i>	12 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.

4.1 - STORAGE

<i>Storage :</i>	Store in a dry local in tightly sealed original container. Avoid prolonged exposure to light, humidity and air.
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Transport :

<i>Land Transport ADR/RID :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Benzylideneheptanal), 9, III
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ALPHA AMYL CINNAMIC ALDEHYDE

<i>Maritime Transport IMDG :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Benzylideneheptanal), 9, III
<i>Marine pollutant :</i>	Yes
<i>Air Transport IATA :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(2-Benzylideneheptanal), 9, III

LEGISLATION :

RIFM - ID N° : 101
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
FDA : 172.515
NEPA (China) : CB2169958
DSL (Canada) : Listed
JECFA n° : 685
IECSC (China) : Listed
FLAVIS : 05.040
FEMA : 2061
ENCS (Japan) n° : (3)-2657
EINECS (EU) : 204-541-5
KECI : KE-28400
COE (Council of Europe) : 128
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 122-40-7