

**PCW**

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Technical Data Sheet**ALPHA HEXYL CINNAMIC ALDEHYDE RSPO**

Manufacture PCW

Reference : ALPHA HEXYL CINNAMIC ALDEHYDE RSPO

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Hexyl cinnamal
<i>IUPAC Name :</i>	2-Phenylmethylenooctanal; alpha-Hexylcinnamaldehyde; 2-Benzylideneoctanal; alpha-n-hexyl-beta-phenylacrolein
<i>Chemical / REACH name :</i>	(2E)-2-(phenylmethyldene)octanal
<i>Synonyms :</i>	(E)-alpha-hexyl cinnamaldehyde
<i>Molecular formula :</i>	C ₁₅ H ₂₀ O
<i>Molecular weight :</i>	216.32
<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>	TBHQ 0.2%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	-
<i>Ref code :</i>	JAHRSP0-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Clear pale yellow
<i>Odour :</i>	Floral, fruity, Jasmin-like, mild, fresh
<i>Density 20/20°C :</i>	[0.952 ; 0.962]
<i>Relative density @ 25°C :</i>	[0.949 ; 0.959]
<i>Refractive index @ 20°C :</i>	[1.548 ; 1.552]
<i>Refractive index at 25°C :</i>	[1.546 ; 1.550]
<i>Acid Value :</i>	[0 ; 2.0 mgKOH/g]
<i>Melting point (°C) :</i>	17.6
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	151
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	97%

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<i>Impurities >0.01% :</i>	-
<i>Peak #1 (%) :</i>	[trans isomer : 90.0 ; 100.0]
<i>Peak #2 (%) :</i>	[cis isomer : 0 ; 10.0]

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>	165184-98-5 / 101-86-0
<i>Nanoparticle :</i>	Not concerned
<i>Animal testing :</i>	This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

<i>Ionization :</i>	-
<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

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>	Keep under Nitrogen, in cool room. Avoid prolonged exposure to light and air.
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Transport :

<i>Land Transport ADR/RID :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hexyl cinnamal), 9, III
<i>Maritime Transport IMDG :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hexyl cinnamal), 9, III
<i>Marine pollutant :</i>	Yes
<i>Air Transport IATA :</i>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Hexyl cinnamal), 9, III

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LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

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

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

IECSC (China) : Listed

NEPA (China) : CB2154127

FLAVIS : 05.041

JECFA n° : 686

FEMA : 2569

FDA : 172.515

ISHL (Japan) : Not listed

ENCS (Japan) n° : (3)-2657

TCSI (Taiwan) : Listed

KECI : KE-28401

EINECS (EU) : 639-566-4(202-983-3)

RIFM - ID N° : 125

C.A.S : 165184-98-5 101-86-0