

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**ALPHA HEXYL CINNAMIC ALDEHYDE**

Manufacture PCW

Reference : ALPHA HEXYL CINNAMIC ALDEHYDE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Hexyl cinnamal
<i>IUPAC Name :</i>	2-Phenylmethyleneoctanal; alpha-Hexylcinnamaldehyde; 2-Benzylideneoctanal; alpha-n-hexyl-beta-phenylacrolein
<i>Chemical / REACH name :</i>	(2E)-2-(phenylmethylidene)octanal
<i>Molecular formula :</i>	C ₁₅ H ₂₀ O
<i>Origine géographique :</i>	India
<i>Process :</i>	See flowchart
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Solvent(s) :</i>	None
<i>CAS number :</i>	165184-98-5 / 101-86-0
<i>Nanomaterials :</i>	Not concerned
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	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>Flash point (°C) (close cup) :</i>	151
<i>Somme of isomers (by G.C.) (%) :</i>	[97 ; 100]
<i>Peak #1 (%) :</i>	[trans isomer : 90.0 ; 100.0]
<i>Peak #2 (%) :</i>	[cis isomer : 0 ; 10.0]
<i>Purity (%) :</i>	[97 ; 100]

ALPHA HEXYL CINNAMIC ALDEHYDE

ANALYTICAL DATA SPECIFIC

Pesticides résiduels : Free from pesticides and pesticide residues.

COSMETIC REGULAR DATA

Anti-oxydant(s) : TBHQ 0.2%

Statut kosher : Certified

Halal status : Complies with halal requirements

Palm oil or palm oil derivatives : Contains 53.3% palm oil (*Elaeis guineensis*)

Animal testing : This product was not tested on animals.

ISO 16128 : The Natural Index is: In= 0. The Natural Origin Index is: Ino= 0.53.

% renewable carbons : 53.33%

REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) : Flavouring substance

Foodgrade certificate : Certified

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Yes

Food allergens (Reg. 1169/2011/EC) : None

TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 29 00 90

Shelf life : 12 months, according to storage conditions

Precautions of use : Avoid any direct contact with the product.

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

LEGISLATION :

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

DSL (Canada) : Listed

COE (Council of Europe) : 129

KECI : KE-28401

EINECS (EU) : 202-983-3

ENCS (Japan) n° : (3)-2657

FDA : 172.515

FEMA : 2569

FLAVIS : 05.041

IECSC (China) : Listed

ISHL (Japan) : Not listed

JECFA n° : 686

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

TCSI (Taiwan) : Listed

NEPA (China) : CB2154127

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

RIFM - ID N° : 125

TSCA (Toxic Substances Control Act - USA) : Listed

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