

**PCW**

PARFUM COSMETIC WORLD

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**CINNAMIC ALDEHYDE**

Manufacture PCW

Reference : CINNAMIC ALDEHYDE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Cinnamal
<i>IUPAC Name :</i>	3-phenylprop-2-enal
<i>Chemical / REACH name :</i>	3-phenylprop-2-enal
<i>Molecular formula :</i>	C ₉ H ₈ O
<i>Origine géographique :</i>	India
<i>Process :</i>	Benzaldehyde reacts with acetaldehyde in the presence of sodium hydroxide to produce cinnamaldehyde reaction mass which on distillation gives cinnamaldehyde final product
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Other solubility :</i>	Soluble in methanol, ether diéthylic, acetone.
<i>Use level max. recom. :</i>	-
<i>Ref code :</i>	CINN-1
<i>CAS number :</i>	104-55-2
<i>Nanomaterials :</i>	Not concerned
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization

ANALYTICAL DATA

<i>Appearance :</i>	Liquid (Oily)
<i>Colour :</i>	Colourless to clear yellow
<i>Odour :</i>	Strong, cinnamon, sweet, spicy
<i>Relative density @ 25°C :</i>	[1.048 ; 1.052]
<i>Refractive index @ 20°C :</i>	[1.618 ; 1.623]
<i>trans Isomer % :</i>	98.5% min.
<i>cis Isomer % :</i>	1.0% max.
<i>Somme of isomers (by G.C.) (%) :</i>	[99.0 ; 100.0]
<i>Flash point (°C) (close cup) :</i>	120
<i>pH-value :</i>	5.22
<i>Viscosity :</i>	Dynamic 4.5 mPa.s

CINNAMIC ALDEHYDE

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>ISO 16128 :</i>	100 % non-natural ingredients
<i>Animal testing :</i>	This product was not tested on animals.
<i>Deforestation regulation (2023/1115/CE) :</i>	Not concerned by the European Regulation 2023/1115/EC
<i>ISO 9235 :</i>	-

REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
<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>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Vegan :</i>	Yes

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	12 months, according to storage conditions
<i>Custom tariff :</i>	2912 29 00 90
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

FLAVIS : 05.014
DSL (Canada) : Listed
FDA : 182.60
EPA N° : Not listed
ENCS (Japan) n° : 3-1148
EINECS (EU) : 203-213-9
TCSI (Taiwan) : Listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
KECI : KE-28422
COE (Council of Europe) : 102c
FEMA : 2286
AICS (Australian Invent. Chem. Subs.) : Listed
TSCA (Toxic Substances Control Act - USA) : 104-55-2
RIFM - ID N° : 130
Swiss Giftliste 1 : G-3134
PICCS (Philippines) : Listed
NZIoC (New Zealand) : HSNO Approval Code HSR002786
JECFA n° : 656
NEPA (China) : CB1168459
C.A.S : 104-55-2