

**PCW**

45 Boulevard Marcel PAGNOL

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

1 - 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>Synonyms :</i>	Cinnamic aldehyde; Cinnamal ; Cinnamaldehyde ; 3-Phenylpropenal; Purolan ca
<i>Molecular formula :</i>	C ₉ H ₈ O
<i>Molecular weight :</i>	132.17 g/mol
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	Non
<i>Other solubility :</i>	Soluble in methanol, ether diéthylic, acetone.
<i>Solubility in alcohol (°) :</i>	Yes
<i>Use level max. recom. :</i>	-
<i>Ref code :</i>	CINN-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid (Oily)
<i>Color :</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>Acid Value :</i>	[0 ; 3 mg KOH/g]
<i>trans Isomer % :</i>	98.5% min.
<i>cis Isomer % :</i>	0.7% max.
<i>Somme of isomers (by G.C.) (%) :</i>	[99.0 ; 100.0]
<i>Impurities >0.01% :</i>	Benzyl alcohol 0.03% ; Toluene 3ppm
<i>Melting point (°C) :</i>	- 7.5
<i>Flash point (°C) (close cup) :</i>	120

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Boiling point (°C) :	[266 ; 267]
Ignition temperature :	No data
pH-value :	5.22
Viscosity :	Dynamic 4.5 mPa.s

1.5 VLEP

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

2 - COSMETIC REGULAR DATA

CAS number :	104-55-2
Reg. 1223/2009 & mod. :	See certificate
Allergens SCCNFP List :	See certificate
IFRA :	Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) :	See certificate
VOC Swiss - Annex 1 :	Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :	100%
Statut kosher :	Certified
Halal status :	Certified
Nanoparticle :	Not concerned
ISO 16128 :	[100 % non-natural ingredients ; 0]
Animal testing :	This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 :	Listed
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
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
Food allergens (Reg. 1169/2011/EC) :	None
Ionization :	Not submitted to a processing of ionization
Vegan :	Yes

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :	12 months, according to storage conditions
Tunnel codes ADR :	/
Custom tariff :	2912 29 00 90
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.
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Transport :

Land Transport ADR/RID :	NR Not regulated for transport
Maritime Transport IMDG :	NR Not regulated for transport

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Marine pollutant :

Air Transport IATA : NR Not regulated for transport

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

Labeling :



ED12 Serious eye damage / eye irritation 2
EHC3 Hazardous to the aquatic environment, long-term hazard 3
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.