

**PCW**

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Technical Data Sheet**C12 LAURIC ALDEHYDE**

Manufacture PCW

Reference : C12 LAURIC ALDEHYDE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Lauraldehyde
<i>IUPAC Name :</i>	Lauryl aldehyde
<i>Chemical / REACH name :</i>	Dodecanal
<i>Synonyms :</i>	Lauric aldehyde ; n-Dodecyclic aldehyde
<i>Molecular formula :</i>	C12 H24 O
<i>Molecular weight :</i>	184.3
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	Spain
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	0.1% max a-tocopherol ; 0.1% max benzoguanamine
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Fat, sweat, green
<i>Relative density @ 25°C :</i>	[0.826 ; 0.836]
<i>Refractive index @ 20°C :</i>	[1.432 ; 1.438]
<i>Refractive index at 25°C :</i>	[1.430 ; 1.440]
<i>Acid Value :</i>	[0 ; 5.0 mgKOH/g]
<i>Melting point (°C) :</i>	12
<i>Boiling point (°C) :</i>	185
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[96.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

C12 LAURIC ALDEHYDE

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

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

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : Certified

Halal status : -

CAS number : 112-54-9

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : -

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 90

Tunnel codes ADR : /

Shelf life : 12 months, according to storage conditions

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.

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

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LEGISLATION :

EINECS (EU) : 203-983-6
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
KECI : KE-12824
RIFM - ID N° : 154
FDA : 172.515
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
NEPA (China) : CB1190614
ENCS (Japan) n° : (2)-494
ISHL (Japan) : Not listed
TCSI (Taiwan) : Listed
FEMA : 2615
FLAVIS : 05.011
COE (Council of Europe) : 99
JECFA n° : 110
C.A.S : 112-54-9

Labeling :



ED12 Serious eye damage / eye irritation 2
SC12 Skin corrosion / irritation 2
SS1B Sensitisation, skin 1B

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272+P363 - Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.