

**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****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>	Lauryl aldehyde ; n-Dodecyclic aldehyde
<i>Molecular formula :</i>	C12 H24 O
<i>Molecular weight :</i>	184.3
<i>Origin raw material :</i>	Synthetic
<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>	Colorless
<i>Odour :</i>	Fat, sweat, green
<i>Relative density @ 25°C :</i>	[0.825 ; 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 &gt;0.01% :</i>	-

**1.5 VLEP**

# C12 LAURIC ALDEHYDE

VLEP short term mg/m<sup>3</sup> (98/24/CE) : No data

VLEP (8h) mg/m<sup>3</sup> (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

Hallal 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) : -

## **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  
ECL (Corée du Sud) n° : 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  
ECSI (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.