

**PCW**

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Technical Data Sheet**ALDEHYDE C18 NATUREL**

Manufacture PCW

Reference : ALDEHYDE C18 NATUREL

TECHNICAL DATA

<i>Ref code :</i>	AC18NAT-1
<i>I.N.C.I. :</i>	GAMMA-NONALACTONE
<i>Description :</i>	Obtained from fermentation of 4-hydroxy nonanoic, which is obtained from castor oil.
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Origine géographique :</i>	-
<i>Molecular formula :</i>	C9 H16 O2
<i>CAS number :</i>	104-61-0
<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
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Fruity, coconut, sweet
<i>Relative density @ 25°C :</i>	[0.958 ; 0.970]
<i>Refractive index @ 20°C :</i>	[1.442 ; 1.452]
<i>Optical rotation (°) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>95
<i>Purity (%) :</i>	[98 ; 100]

ANALYTICAL DATA SPECIFIC

<i>Pesticides résiduels :</i>	<0.01 mg/kg
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COSMETIC REGULAR DATA

<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements
<i>ISO 9235 :</i>	This product is a 100% natural extract obtained by physical processes only from botanical sources, complying ISO 9235:2021.
<i>ISO 16128 :</i>	The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.

ALDEHYDE C18 NATUREL

<i>Animal testing :</i>	This product was not tested on animals.
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

REGULAR DATA FLAVOURS

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

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	12 months, according to storage conditions
<i>Custom tariff :</i>	2932 20 90 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 :

KECI : KE-10736
ENCS (Japan) n° : (9)-137
ISHL (Japan) : (9)-137
TCSI (Taiwan) : Listed
IECSC (China) : Listed
RIFM - ID N° : 305
EINECS (EU) : 203-219-1
COE (Council of Europe) : 178
FLAVIS : 10.001
FDA : 172.515
FEMA : 2781
JECFA n° : 229
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
NEPA (China) : CB8157049
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 104-61-0