

**PCW**

PARFUM COSMETIC WORLD

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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>Origin raw material :</i>	100% Natural
<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>	C ₉ H ₁₆ O ₂
<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
<i>Chemical / REACH name :</i>	Nonan-4-olide

ANALYTICAL DATA

<i>Description :</i>	Obtained from fermentation of 4-hydroxy nonanoic, which is obtained from castor oil.
<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Fruity, coconut, sweet
<i>Density at 25°C :</i>	[0.947 ; 0.970]
<i>Refractive index at 20°C :</i>	[1.442 ; 1.452]
<i>Optical rotation (°) :</i>	-
<i>Boiling point (°C) :</i>	270
<i>Flash point (°C) (close cup) :</i>	126
<i>Peroxides value mmol/kg :</i>	-
<i>Purity (%) :</i>	[98 ; 100]
<i>Pesticides résiduels :</i>	Not concerned
<i>Endocrine disruptors – health and environment :</i>	Does not contain endocrine disruptors
<i>Deforestation regulation (2023/1115/CE) :</i>	Not concerned by the European Regulation 2023/1115/EC

ALDEHYDE C18 NATUREL

ANALYTICAL DATA SPECIFIC

Contaminants : Is in compliance with the European regulation 2023/915 and its amendments, concerning contaminants

COSMETIC REGULAR DATA

Statut kosher : In compliance with kosher requirements

Halal status : Complies with halal requirements

ISO 9235 : This product is a 100% natural extract obtained by physical processes only from botanical sources, complying ISO 9235:2021.

ISO 16128 : The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.

Animal testing : This product was not tested on animals.

Palm oil or palm oil derivatives : Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

REGULAR DATA FLAVOURS

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

Food allergens (Reg. 1169/2011/EC) : None

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Yes

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2932 20 90 90

Precautions of use : Avoid any direct contact with the product.

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed

DSL (Canada) : Listed

COE (Council of Europe) : 178

KECI : KE-10736

EINECS (EU) : 203-219-1

ENCS (Japan) n° : (9)-137

FDA : 172.515

FEMA : 2781

FLAVIS : 10.001

IECSC (China) : Listed

ISHL (Japan) : (9)-137

JECFA n° : 229

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

TCSI (Taiwan) : Listed

NEPA (China) : CB8157049

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

RIFM - ID N° : 305

TSCA (Toxic Substances Control Act - USA) : Listed

C.A.S : 104-61-0