

**PCW**

PARFUM COSMETIC WORLD

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Manufacture PCW

Reference : GAMMA NONALACTONE = ALDEHYDE C18

TECHNICAL DATA

<i>I.N.C.I. :</i>	Gamma-nonalactone
<i>IUPAC Name :</i>	Nonan-4-olide; Dihydro-5-pentyl-2(3H)-furanone
<i>Chemical / REACH name :</i>	Nonan-4-olide
<i>Molecular formula :</i>	C ₉ H ₁₆ O ₂
<i>Origine géographique :</i>	China
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>CAS number :</i>	104-61-0
<i>Nanomaterials :</i>	Not concerned
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO
<i>Ref code :</i>	AC18-1
<i>Product type :</i>	Synthetic molecule
<i>Skin irritation :</i>	May be irritating
<i>Eyes irritation :</i>	May be irritating

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colorless to slightly yellow
<i>Odour :</i>	Hard, sweet, coconut
<i>Density at 25°C :</i>	[0.955 ; 0.966]
<i>Refractive index at 20°C :</i>	[1.445 ; 1.450]
<i>Boiling point (°C) :</i>	234
<i>Flash point (°C) (close cup) :</i>	110
<i>Purity (%) :</i>	[98.5 ; 100.0]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Statut kosher :</i>	In compliance with kosher requirements

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<i>Halal status :</i>	Complies with halal requirements
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	0% of natural origin

REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008
<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>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Vegan :</i>	Yes

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2932 20 90 90
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store in cool place (10°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
EPA N° : Listed
FDA : 172.515
FEMA : 2781
FLAVIS : 10.001
IECSC (China) : Listed
ISHL (Japan) : Not listed
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