

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**GAMMA UNDECALACTONE = ALDEHYDE C14**

Manufacture PCW

Reference : GAMMA UNDECALACTONE = ALDEHYDE C14

TECHNICAL DATA

<i>IUPAC Name :</i>	Undecan-4-olide
<i>I.N.C.I. :</i>	gamma-Undecalactone
<i>Chemical / REACH name :</i>	gamma-Undecalactone
<i>Molecular formula :</i>	C ₁₁ H ₂₀ O ₂
<i>Origine géographique :</i>	China
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Ref code :</i>	AC14-1
<i>CAS number :</i>	104-67-6
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colorless to clear yellow
<i>Odour :</i>	Peach like, Fruity
<i>Density at 25°C :</i>	[0.941 ; 0.944]
<i>Refractive index at 20°C :</i>	[1.450 ; 1.454]
<i>Viscosity :</i>	<10 mPa.s @ 20°C
<i>Flash point (°C) (close cup) :</i>	110
<i>Boiling point (°C) :</i>	297
<i>pH-value :</i>	7
<i>Purity (%) :</i>	[98.5 ; 100.0]
<i>Density at 20°C :</i>	-

COSMETIC REGULAR DATA

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

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Palm oil or palm oil derivatives : Contains palm oil or palm kernel oil derivatives.

ISO 16128 : 0% of natural origin

Animal testing : This product was not tested on animals.

ISO 9235 : Not concerned

REGULAR DATA FLAVOURS

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

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

Foodgrade certificate : In compliance with Regulation (EC) 1334/2008

Vegan : Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2932 20 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) : 179c

KECI : KE-18358

EINECS (EU) : 203-225-4

ENCS (Japan) n° : 5-67

EPA N° : Not listed

FDA : 172-515

FEMA : 3091

FLAVIS : 10.002

IECSC (China) : Listed

JECFA n° : 233

NEPA (China) : CB0396763

NZIoC (New Zealand) : HSNO Approval Code HSR003507

PICCS (Philippines) : Listed

RIFM - ID N° : 205

TSCA (Toxic Substances Control Act - USA) : 104-67-6

C.A.S : 104-67-6