

**PCW**

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Technical Data Sheet**OCTALACTONE GAMMA NATUREL**

Manufacture PCW

Reference : OCTALACTONE GAMMA NATUREL

1 - TECHNICAL DATA

<i>Ref code :</i>	OCTGNAT-1
<i>I.N.C.I. :</i>	Gamma octalactone
<i>Botanical name :</i>	Solanum tuberosum et Zea Mays
<i>Description :</i>	-
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Molecular weight :</i>	142.2
<i>Water solubility :</i>	No
<i>Molecular formula :</i>	C8 H14 O2

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Coconut
<i>Density at 20°C :</i>	[0.978 ; 0.988]
<i>Refractive index @ 20°C :</i>	[1.443 ; 1.447]
<i>Optical rotation (°) :</i>	-
<i>Boiling point (°C) :</i>	132
<i>Flash point (°C) (close cup) :</i>	116
<i>Peroxides value mmol/kg :</i>	-
<i>Melting point (°C) :</i>	[-65 ; -66]
<i>Purity (%) :</i>	95
<i>Acid Value :</i>	[0 ; 8]
<i>Relative density @ 25°C :</i>	[0.970 ; 0.980]

2 - COSMETIC REGULAR DATA

<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate

OCTALACTONE GAMMA NATUREL

<i>IFRA :</i>	No restrictions (50th Am.)
<i>Statut kosher :</i>	Certified
<i>Halal status :</i>	Certified
<i>ISO 9235 :</i>	natural flavouring substances and preparations in accordance with Regulation (EC) No 1334/2008 Art 3.2(c)
<i>ISO 16128 :</i>	Ingredients derived from natural materials are cosmetic ingredients, more than 50% of which are of natural origin, by molecular weight, by renewable carbon content, or by any other appropriate method, which are obtained by defined chemical and/or biological processes aimed at their chemical modification.
<i>CAS number :</i>	104-50-7
<i>Animal testing :</i>	This product was not tested on animals.
<i>Nanoparticle :</i>	Not concerned
<i>Low VOC (CARB) :</i>	100%

2.1 - 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>	-
<i>Genetically Modified Organisms (GMO) :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Vegan :</i>	No
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

4 - TRANSPORT - HANDLING - STORAGE

<i>Tunnel codes ADR :</i>	/
<i>Shelf life :</i>	24 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.

4.1 - STORAGE

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

<i>Land Transport ADR/RID :</i>	NR Not regulated for transport
<i>Maritime Transport IMDG :</i>	NR Not regulated for transport
<i>Marine pollutant :</i>	No
<i>Air Transport IATA :</i>	NR Not regulated for transport

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LEGISLATION :

DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
KECI : KE-04275
ISHL (Japan) : Not listed
RIFM - ID N° : 603
COE (Council of Europe) : 2274
ENCS (Japan) n° : (9)-137
TCSI (Taiwan) : Listed
IECSC (China) : Listed
EINECS (EU) : 203-208-1
FLAVIS : 10.022
FEMA : 2796
FDA : 172.515
JECFA n° : 226
NEPA (China) : CB4424482
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 104-50-7

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC