

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**GAMMA VALEROLACTONE**

Manufacture PCW

Reference : GAMMA VALEROLACTONE

TECHNICAL DATA

<i>I.N.C.I. :</i>	GAMMA-VALEROLACTONE
<i>IUPAC Name :</i>	Dihydro-5-methyl-2(3H)-furanone; gamma-Valerolactone
<i>Chemical / REACH name :</i>	Gamma-Valerolactone
<i>Molecular formula :</i>	C ₅ H ₈ O ₂
<i>Origine géographique :</i>	-
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>CAS number :</i>	108-29-2
<i>Ref code :</i>	VALGA-1
<i>Product type :</i>	Synthetic molecule
<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>	Colourless to pale yellow
<i>Odour :</i>	Sweet, fruity-floral
<i>Density at 20°C :</i>	[1.045 ; 1.058]
<i>Refractive index at 20°C :</i>	[1.427 ; 1.437]
<i>Boiling point (°C) :</i>	207
<i>Flash point (°C) (close cup) :</i>	92
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors

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
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

GAMMA VALEROLACTONE

<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	The Natural Index is : In= 0. The Natural Origin Index is: Ino= 1.

REGULAR DATA FLAVOURS

<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks.
<i>Vegan :</i>	Conform

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2932 20 90 90
<i>Shelf life :</i>	48 months, according to storage conditions
<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 :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : 757
KECI : KE-23670
EINECS (EU) : 203-569-5
ENCS (Japan) n° : (9)-137
FDA : Not listed
FEMA : 3103
FLAVIS : 10.013
IECSC (China) : Listed
ISHL (Japan) : 8-(4)-394 , 8-(4)-564
JECFA n° : 220
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NEPA (China) : CB4285373
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 37
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 108-29-2