



PCW

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Technical Data Sheet

GAMMA VALEROLACTONE

Manufacture PCW

Reference : GAMMA VALEROLACTONE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Dihydro-5-methyl-2(3H)-furanone; gamma-Valerolactone
<i>Chemical / REACH name :</i>	Gamma-Valerolactone
<i>Molecular formula :</i>	C5 H8 O2
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	108-29-2
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.
<i>Ref code :</i>	VALGA-1
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

1.1 - 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 @ 20°C :</i>	[1.427 ; 1.437]
<i>Flash point (°C) (close cup) :</i>	92
<i>Purity (%) :</i>	[98.0 ; 100.0]

2.1 - 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>Food allergens (Reg. 1169/2011/EC) :</i>	None

4 - 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.

GAMMA VALEROLACTONE

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

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

ENCS (Japan) n° : (9)-137

EINECS (EU) : 203-569-5

JECFA n° : 220

FEMA : 3103

ISHL (Japan) : 8-(4)-394 , 8-(4)-564

KECI : KE-23670

FLAVIS : 10.013

COE (Council of Europe) : 757

RIFM - ID N° : 37

NEPA (China) : CB4285373

FDA : Not listed

DSL (Canada) : Listed

IECSC (China) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

NZIoC (New Zealand) : Listed

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

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

TCSI (Taiwan) : Listed

PICCS (Philippines) : Listed

C.A.S : 108-29-2