

**PCW**

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Technical Data Sheet**DELTA DECALACTONE**

Manufacture PCW

Reference : DELTA DECALACTONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Delta-decalactone
<i>IUPAC Name :</i>	Decan-5-olide
<i>Chemical / REACH name :</i>	Decan-5-olide
<i>Synonyms :</i>	Amaryllide ; Decan-5-olide ; delta-Amylvalerolactone ; delta-Decalactone ; Dihydrojasmin lactone
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O ₂
<i>Molecular weight :</i>	170.25
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	Not added directly
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Characteristic
<i>Density at 20°C :</i>	[0.969 ; 0.975]
<i>Relative density @ 25°C :</i>	[0.966 ; 0.972]
<i>Refractive index @ 20°C :</i>	[1.456 ; 1.459]
<i>Indice de réfraction à 25°C :</i>	[1.454 ; 1.457]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	>98.0
<i>Impurities >0.01% :</i>	-

DELTA DECALACTONE

1.5 VLEP

VLEP short term mg/m³ (98/24/CE) : No data

VLEP (8h) mg/m³ (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : -

Hallal status : -

CAS number : 705-86-2

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms (GMO) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 20 90 25

Tunnel codes ADR : /

Shelf life : 18 months, according to storage conditions

Precautions of use : -

4.1 - STORAGE

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

DELTA DECALACTONE

LEGISLATION :

EINECS (EU) : 211-889-1
RIFM - ID N° : 661
FEMA : 2361
JECFA n° : 232
FLAVIS : 10.007
COE (Council of Europe) : 621
DSL (Canada) : Listed
ECL (Corée du Sud) n° : KE-33494
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
ENCS (Japan) n° : (5)-698
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NEPA (China) : CB4173140
C.A.S : 705-86-2

Labeling :

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