

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**DELTA UNDECALATONE**

Manufacture PCW

Reference : DELTA UNDECALATONE

TECHNICAL DATA

<i>Ref code :</i>	DUND-1
<i>I.N.C.I. :</i>	Delta-undecalactone
<i>IUPAC Name :</i>	6-hexyltetrahydro-2H-pyran-2-one
<i>Chemical / REACH name :</i>	6-hexyltetrahydro-2H-pyran-2-one
<i>Molecular formula :</i>	C11 H20 O2
<i>Origine géographique :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Process :</i>	-
<i>Skin irritation :</i>	No data
<i>Eyes irritation :</i>	No data
<i>CAS number :</i>	710-04-3
<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>	Conform to the commercial description.
<i>Density at 20°C :</i>	[0.959 ; 0.964]
<i>Refractive index at 20°C :</i>	[1.457 ; 1.461]
<i>Indice de réfraction à 25° C :</i>	[1.455 ; 1.459]
<i>Flash point (°C) (close cup) :</i>	159
<i>Boiling point (°C) :</i>	-
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors
<i>Density at 25°C :</i>	[0.956 ; 0.961]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
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DELTA UNDECALATONE

<i>Halal status :</i>	Complies with halal requirements
<i>Statut kosher :</i>	In compliance with kosher 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.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	0% of natural origin

REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring substance
<i>Foodgrade certificate :</i>	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks.
<i>Vegan :</i>	Compliant with vegan principles
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None

TRANSPORT - HANDLING - STORAGE

<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Shelf life :</i>	18 months, according to storage conditions
<i>Custom tariff :</i>	2932 20 90 90
<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) : 688
KECI : KE-19936
EINECS (EU) : 211-915-1
ENCS (Japan) n° : 5-698
FDA : Not listed
FEMA : 3294
FLAVIS : 10.011
IECSC (China) : Listed
ISHL (Japan) : 5-698
JECFA n° : 234
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NEPA (China) : CB9676141
NZIoC (New Zealand) : Not listed
PICCS (Philippines) : Listed
RIFM - ID N° : 702
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 710-04-3