

**PCW**

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Technical Data Sheet**AURELIONE**

Manufacture PCW

Reference : AURELIONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Cyclohexadecenone isomers
<i>IUPAC Name :</i>	Cyclohexadec-8-en-1-one mixture of cis and trans isomer
<i>Chemical / REACH name :</i>	Cyclohexadec-8-en-1-one mixture of cis and trans isomer
<i>Synonyms :</i>	Aurelione
<i>Molecular formula :</i>	C ₁₆ H ₂₈ O
<i>Molecular weight :</i>	236.44
<i>Use level max. recom. :</i>	-
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Anti-oxydant(s) :</i>	-
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>End use :</i>	Fragrances / Cosmetic

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid to crystals
<i>Color :</i>	Colorless to yellow
<i>Odour :</i>	Characteristic
<i>Melting point (°C) :</i>	25
<i>Acid Value :</i>	-
<i>Boiling point (°C) :</i>	352
<i>Flash point (°C) (close cup) :</i>	>100
<i>Purity (%) :</i>	93% min
<i>Density at 20°C :</i>	0.94
<i>Refractive index @ 20°C :</i>	-
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	min. 93%
<i>Impurities >0.01% :</i>	-

1.5 VLEP

AURELIONE

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

VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

Statut kosher : -
Hallal status : -
CAS number : 88642-03-9 / 3100-36-5 / 2550-59-6
Allergens SCCNFP List : See certificate
IFRA : No restrictions (49th Am.)
Nanoparticle : Not concerned
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate

2.1 - REGULAR DATA FLAVOURS

Ionization : -
REG. 872/2012 CE Annex 1 : Not listed
Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions
Tunnel codes ADR : /
Custom tariff : 2914 29 00 90
Precautions of use : Avoid any direct contact with the product.

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

AURELIONE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
ECL (Corée du Sud) n° : 2008-1-580
ECSI (Taiwan) : Listed
EINECS (EU) : 401-700-2
ENCS (Japan) n° : Not listed
FDA : Not listed
FEMA : Not listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
DSL (Canada) : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Listed
RIFM - ID N° : 6073
PICCS (Philippines) : Not listed
NZIoC (New Zealand) : Listed
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NEPA (China) : CB83271623
C.A.S : 88642-03-9 3100-36-5 2550-59-6

Labeling :



EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1

H410 - Very toxic to aquatic life with long lasting effects.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.