

**PCW**

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Technical Data Sheet**DAMASCONE DELTA**

Manufacture PCW

Reference : DAMASCONE DELTA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Trans-rose ketone-3
<i>IUPAC Name :</i>	(1alpha(E),2beta)-1-(2,6,6-Trimethylcyclohex-3-enyl)but-2-en-1-one
<i>Chemical / REACH name :</i>	[1a(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one
<i>Synonyms :</i>	Delta damascone ; Trans-damascone
<i>Molecular formula :</i>	C ₁₃ H ₂₀ O
<i>Molecular weight :</i>	192.3
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	China
<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>	No
<i>Water solubility :</i>	0.0772 g/L
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	DD-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Fruity, cassis, floral, woody
<i>Density at 20°C :</i>	[0.928 ; 0.936]
<i>Refractive index @ 20°C :</i>	[1.490 ; 1.494]
<i>Acid Value :</i>	[0 ; 1]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	280 @ 760 mmHg
<i>Somme of isomers (by G.C.) (%) :</i>	> 95%
<i>Purity (%) :</i>	> 85%

DAMASCONE DELTA

Impurities >0.01% :	-
pH-value :	7
Viscosity :	7 mPa.s @ 20°C

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
Low VOC (CARB) :	100%
Reg. 1223/2009 & mod. :	III/165
Allergens SCCNFP List :	See certificate
IFRA :	Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) :	See certificate
Statut kosher :	Certified
Halal status :	Certified
CAS number :	71048-82-3 ; 57378-68-4
Nanoparticle :	No

2.1 - REGULAR DATA FLAVOURS

Ionization :	-
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
REG. 872/2012 CE Annex 1 :	Listed
Foodgrade certificate :	Certified
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
Vegan :	Yes
Food allergens (Reg. 1169/2011/EC) :	None

4 - TRANSPORT - HANDLING - STORAGE

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

4.1 - STORAGE

Storage :	Keep under Nitrogen, in fraiche temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.
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Transport :

Land Transport ADR/RID :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Delta damascone), 9, III
Maritime Transport IMDG :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Delta damascone), 9, III
Marine pollutant :	
Air Transport IATA :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Delta damascone), 9, III

DAMASCONE DELTA

LEGISLATION :

ISHL (Japan) : 3-(4)-373
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
FDA : Listed
FEMA : 3622
ENCS (Japan) n° : Not listed
DSL (Canada) : Listed
EINECS (EU) : 275-156-8 ; 260-709-8
RIFM - ID N° : 5960
FLAVIS : 07.130 ; 07.245
JECFA n° : 386
NZIoC (New Zealand) : Listed
KECI : KE-34474
C.A.S : 71048-82-3 57378-68-4

Labeling :



ATO4 Acute toxicity oral 4

EHA1 Hazardous to the aquatic environment, acute hazard 1

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



SCI2 Skin corrosion / irritation 2

SS1 Sensitisation skin 1

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

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

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

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