

**PCW**

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Technical Data Sheet**DAMASCONE ALPHA**

Manufacture PCW

Reference : DAMASCONE ALPHA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Trans-rose ketone-1
<i>IUPAC Name :</i>	(E)1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one
<i>Chemical / REACH name :</i>	(E)1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one
<i>Synonyms :</i>	Damascone alpha; Rose ketone; Damarose alpha
<i>Molecular formula :</i>	C ₁₃ H ₂₀ O
<i>Molecular weight :</i>	192.29
<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>	Alpha tocopherol : 0.05%
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Pale yellow to yellow
<i>Odour :</i>	Floral, rose, fruity
<i>Density at 20°C :</i>	[0.932 ; 0.938]
<i>Refractive index @ 20°C :</i>	[1.494 ; 1.498]
<i>Acid Value :</i>	[0.0 ; 1.0 mgKOH/g max.]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	274
<i>Flash point (°C) (close cup) :</i>	93.33
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[90.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m³ (98/24/CE) :</i>	No data
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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 : Restricted (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Hallal status : -
CAS number : 24720-09-0
Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of ionization
Natural status (Reg. 1334/2008/EC) : -
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

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2914 29 00 90
Tunnel codes ADR : /
Shelf life : 12 months, according to storage conditions
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 : No
Air Transport IATA : NR Not regulated for transport

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LEGISLATION :

ISHL (Japan) : Not listed
IECSC (China) : Listed
ENCS (Japan) n° : Not listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
FDA : Listed
ECL (Corée du Sud) n° : KE-34478
NZIoC (New Zealand) : Listed
JECFA n° : Not listed
FLAVIS : 07.226
COE (Council of Europe) : Not listed
FEMA : 3659
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 6409
ECSI (Taiwan) : Listed
NEPA (China) : CB6755373
EINECS (EU) : 246-430-4
C.A.S : 24720-09-0

Labeling :



ATO4 Acute toxicity oral 4
EHC2 Hazardous to the aquatic environment, long-term hazard 2
SCl2 Skin corrosion / irritation 2
SS1B Sensitisation, skin 1B



H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

P272+P363 - Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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.

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