

**PCW**

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Technical Data Sheet**DAMASCENONE**

Manufacture PCW

Reference : DAMASCENONE

1 - TECHNICAL DATA

<i>Ref code :</i>	DAMA-1
<i>I.N.C.I. :</i>	Rose ketone-4
<i>IUPAC Name :</i>	1-(2,6,6-Trimethyl-1,3-cyclohexadienyl)-2-buten-1-one
<i>Chemical / REACH name :</i>	1-(2,6,6-Trimethyl-1,3-cyclohexadienyl)-2-buten-1-one
<i>Synonyms :</i>	Damascenone; Rosenone; Fermentone; Roastarome; Dascenone
<i>Molecular formula :</i>	C ₁₃ H ₁₈ O
<i>Molecular weight :</i>	190.28
<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 nat : 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>	Plum, fruity, floral rose
<i>Relative density 20°C :</i>	[0.946 ; 0.952]
<i>Refractive index @ 20°C :</i>	[1.510 ; 1.514]
<i>Acid Value :</i>	[0.0 ; 1.0 mgKOH/g max.]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	275
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.2 - ANALYTICAL DATA SPECIFIC

<i>Arsenic (As) :</i>	Max. 3 mg/kg
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DAMASCENONE

Lead (Pb) :	Max. 10 mg/kg
Cadmium (Cd) :	Max. 1 mg/kg
Mercury (Hg) :	Max. 1 mg/kg

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 :	Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) :	See certificate
Statut kosher :	Certified
Halal status :	In compliance with the religious concepts
CAS number :	23696-85-7
Nanoparticle :	Not concerned

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) :	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 :	E
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.
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Transport :

Land Transport ADR/RID :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1-,2,6,6-trimethyl-1,3-cyclohexadien-1-yl-2-buten-1-one), 9, III
Maritime Transport IMDG :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1-,2,6,6-trimethyl-1,3-cyclohexadien-1-yl-2-buten-1-one), 9, III
Marine pollutant :	Yes
Air Transport IATA :	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(1-,2,6,6-trimethyl-1,3-cyclohexadien-1-yl-2-buten-1-one), 9, III

DAMASCENONE

LEGISLATION :

ENCS (Japan) n° : (3)-3913
ISHL (Japan) : Not listed
KECI : Not listed
FDA : Listed
NEPA (China) : CB0203140
TCSI (Taiwan) : Listed
FEMA : 3420
COE (Council of Europe) : 11197
FLAVIS : 07.108
EINECS (EU) : 245-833-2
JECFA n° : 387
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
RIFM - ID N° : 5471
PICCS (Philippines) : Listed
C.A.S : 23696-85-7

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SS1 Sensitisation skin 1



H317 - May cause an allergic skin reaction.
H411 - 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.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.