

**PCW**

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Technical Data Sheet**DAMASCONE BETA**

Manufacture PCW

Reference : DAMASCONE BETA

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	trans-Rose ketone 2
<i>IUPAC Name :</i>	(E)-1-(2,6,6-Trimethyl-1-cyclohexenyl)-2-buten-1-one
<i>Chemical / REACH name :</i>	(E)-1-(2,6,6-trimethyl-1-cyclohexenyl)but-2-en-1-one
<i>Synonyms :</i>	trans-beta-Damascone
<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>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Floral, fruity
<i>Density at 20°C :</i>	[0.934 ; 0.942]
<i>Relative density @ 25°C :</i>	[0.931 ; 0.939]
<i>Refractive index @ 20°C :</i>	[1.496 ; 1.500]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	9
<i>Boiling point (°C) :</i>	254
<i>Flash point (°C) (close cup) :</i>	108
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	95.0
<i>Impurities >0.01% :</i>	-

1.5 VLEP

DAMASCONE BETA

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 (49th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : Certified

Hallal status : Certified

CAS number : 23726-91-2

Nanoparticle : Not concerned

Animal testing : This product was not tested on animals.

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 50

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.

Transport :

Land Transport ADR/RID : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Beta Damascone), 9, III

Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Beta Damascone), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Beta Damascone), 9, III

DAMASCONE BETA

LEGISLATION :

FLAVIS : 07.224
FDA : Not listed
Gras List : Not listed
EPA N° : Not listed
ENCS (Japan) n° : Not listed
ECL (Corée du Sud) n° : 2006-3-3589
DSL (Canada) : Listed
ECSI (Taiwan) : Listed
RIFM - ID N° : 5471
TSCA (Toxic Substances Control Act - USA) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Not listed
NEPA (China) : CB0705200
ISHL (Japan) : Not listed
COE (Council of Europe) : 2340c
JECFA n° : 384
AICS (Australian Invent. Chem. Subs.) : Listed
FEMA : 3243
EINECS (EU) : 245-842-1
C.A.S : 23726-91-2

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H315 - Causes skin irritation.
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.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.