

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**DAMASCENONE TOTAL (950)**

Manufacture PCW

Reference : DAMASCENONE TOTAL (950)

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	1-(2,6,6-Trimethyl-1,3-cyclohexadienyl)-2-buten-1-one
<i>I.N.C.I. :</i>	Rose ketone-4
<i>Chemical / REACH name :</i>	1-(2,6,6-trimethyl-1-cyclohexa-1,3-dienyl)but-2-en-1-one
<i>Synonyms :</i>	Damascenone total; beta-Damascenone
<i>Molecular formula :</i>	C13 H18 O
<i>Molecular weight :</i>	190.29
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>Anti-oxydant(s) :</i>	0.05% alpha-Tocopherol
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Yellow to pale yellow
<i>Odour :</i>	Fruity-Floral, Rose, Plum, Berry and Tabacco smell
<i>Density at 20°C :</i>	[0.946 ; 0.952]
<i>Refractive index @ 20°C :</i>	[1.510 ; 1.514]
<i>Acid Value :</i>	1 mg KOH/g max.
<i>Flash point (°C) (close cup) :</i>	>100°C
<i>Boiling point (°C) :</i>	274.0-275.0°C @ 760.00 mm Hg
<i>Purity (%) :</i>	95% min.
<i>Impurities >0.01% :</i>	trans-beta-Damascone 0.5% max.
<i>Melting point (°C) :</i>	No data
<i>Ignition temperature :</i>	No data

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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DAMASCENONE TOTAL (950)

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

2 - COSMETIC REGULAR DATA

Statut kosher : Certified
Hallal status : -
CAS number : 23696-85-7
Allergens SCCNFP List : See certificate
Reg. 1223/2009 & mod. : See certificate
IFRA : Restricted (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

2.1 - REGULAR DATA FLAVOURS

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Food allergens (Reg. 1169/2011/EC) : None
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
Ionization : Not submitted to a processing of ionization
Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

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

4.1 - STORAGE

Storage : Store at 20°C in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Damascenone), 9, III
Maritime Transport IMDG : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Damascenone), 9, III
Marine pollutant : Yes
Air Transport IATA : 3082 Environmentally hazardous substance, liquid, n.o.s.,(Damascenone), 9, III

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LEGISLATION :

ENCS (Japan) n° : 3-3913
NEPA (China) : CB0203140
EINECS (EU) : 245-833-2
JECFA n° : 387
NZIoC (New Zealand) : Approved
Gras List : Listed
FLAVIS : 07.108
FEMA : 3420
RIFM - ID N° : 1297
TSCA (Toxic Substances Control Act - USA) : 23696-85-7
FDA : Not listed
EPA N° : Listed
ECL (Corée du Sud) n° : Not listed
COE (Council of Europe) : 11197
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
C.A.S : 23696-85-7

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2
SS1A Sensitisation, skin 1A



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+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.
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.