

**PCW**

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Technical Data Sheet**NOOTKATONE**

Manufacture PCW

Reference : NOOTKATONE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Nootkatone
<i>IUPAC Name :</i>	(4R-(4alpha,4aalpha,6beta))-4,4a,5,6,7,8-Hexahydro-4,4a-dimethyl-6-(1-methylvinyl)naphthalen-2(3H)-one
<i>Chemical / REACH name :</i>	[4R-(4a,4aa,6β)]-4,4a,5,6,7,8-hexahydro-4,4a-dimethyl-6-(1-methylvinyl)naphthalen-2(3H)-one
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₅ H ₂₂ O
<i>Molecular weight :</i>	218
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	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>	Yellow
<i>Odour :</i>	Grapefruit
<i>Density at 20°C :</i>	[0.995 ; 1.010]
<i>Refractive index @ 20°C :</i>	[1.520 ; 1.531]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	30-35
<i>Boiling point (°C) :</i>	110-122
<i>Flash point (°C) (close cup) :</i>	110
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[80.0 ; 85.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

NOOTKATONE

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 : No restrictions (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 4674-50-4

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) : -

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2914 29 00 90

Tunnel codes ADR : /

Shelf life : 12 months, according to storage conditions

Precautions of use : -

4.1 - STORAGE

Storage : Store in cool and dry place

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

NOOKATONE

LEGISLATION :

NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : 1398
RIFM - ID N° : 988
FLAVIS : 07.089
FDA : 172.515
FEMA : 3166
DSL (Canada) : Listed
COE (Council of Europe) : 11164
ECSI (Taiwan) : Listed
ISHL (Japan) : Not listed
ECL (Corée du Sud) n° : Not listed
ENCS (Japan) n° : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
NEPA (China) : CB3751288
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
PICCS (Philippines) : Listed
EINECS (EU) : 225-124-4
C.A.S : 4674-50-4