

**PCW**

PARFUM COSMETIC WORLD

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**NOOTKATONE**

Manufacture PCW

Reference : NOOTKATONE

TECHNICAL DATA

<i>Ref code :</i>	NOOT-1
<i>I.N.C.I. :</i>	Nootkatone
<i>IUPAC Name :</i>	(4R,4aS,6R)-4,4a-dimethyl-6-(prop-1-en-2-yl)-2,3,4,4a,5,6,7,8-octahydronaphthalen-2-one
<i>Chemical / REACH name :</i>	Nootkatone
<i>Molecular formula :</i>	C15 H22 O
<i>Origine géographique :</i>	USA
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	4674-50-4
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.

ANALYTICAL DATA

<i>Appearance :</i>	Solid
<i>Colour :</i>	White to off-white, pale yellow
<i>Odour :</i>	Grapefruit, citrus, gardenia, woody
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Flash point (°C) (close cup) :</i>	110
<i>Purity (%) :</i>	[98 ; 100]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	-
<i>Halal status :</i>	In compliance with the religious concepts
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Animal testing :</i>	This product was not tested on animals.
<i>ISO 9235 :</i>	-

NOOTKATONE

ISO 16128 : -

REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) : Flavouring substance

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks.

Vegan : Yes

Food allergens (Reg. 1169/2011/EC) : None

TRANSPORT - HANDLING - STORAGE

Precautions of use : Avoid any direct contact with the product.

Shelf life : 48 months, according to storage conditions

Custom tariff : 2914 29 50 00

Storage : Keep under Nitrogen, at cool temperature (max 5°C). Avoid prolonged exposure to light, humidity and air.

LEGISLATION :

FLAVIS : 07.089

FDA : 172.515

FEMA : 3166

JECFA n° : 1398

RIFM - ID N° : 988

NEPA (China) : CB3751288

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

KECI : Not listed

ISHL (Japan) : Listed

ENCS (Japan) n° : Listed

TCSI (Taiwan) : Listed

IECSC (China) : Listed

EINECS (EU) : 225-124-4

COE (Council of Europe) : 11164

C.A.S : 4674-50-4