

**PCW**

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Technical Data Sheet**CARYOPHYLLENE BETA NATUREL**

Manufacture PCW

Reference : CARYOPHYLLENE BETA NATUREL

TECHNICAL DATA

<i>I.N.C.I. :</i>	Beta-caryophyllene
<i>IUPAC Name :</i>	4,11,11-trimethyl-8-methylenebicyclo(7.2.0)undec-4-ene
<i>Chemical / REACH name :</i>	Caryophyllene
<i>Molecular formula :</i>	C ₁₅ H ₂₄
<i>Origine géographique :</i>	India
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	87-44-5
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Spicy, woody
<i>Flash point (°C) (close cup) :</i>	96
<i>Purity (%) :</i>	[95 ; 98]
<i>Optical rotation (°) :</i>	[-15 ; -6]
<i>Relative density @ 25°C :</i>	[0.890 ; 0.910]
<i>Indice de réfraction à 25°C :</i>	[1.487 ; 1.507]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Halal status :</i>	Complies with halal requirements
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Huile de palme ou dérivés :</i>	Ne contient pas d'huile de palme, de dérivés de l'huile de palme, d'huile de palmiste ni de dérivés d'huile de palmiste.

REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Natural flavouring substance
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008

CARYOPHYLLENE BETA NATUREL

<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
<i>Vegan :</i>	Yes
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2902 19 00 00
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 236
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB3414149
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : 2118
KECI : KE-34581
TCSI (Taiwan) : Listed
EINECS (EU) : 201-746-1
ENCS (Japan) n° : (4)-592
FDA : 172.515
FEMA : 2252
FLAVIS : 01.007
IECSC (China) : Listed
ISHL (Japan) : Listed
JECFA n° : 1324
DSL (Canada) : Listed
C.A.S : 87-44-5