

**PCW**

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Technical Data Sheet**CARYOPHYLLENE BETA**

Manufacture PCW

Reference : CARYOPHYLLENE BETA

1 - 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>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₅ H ₂₄
<i>Molecular weight :</i>	204.3
<i>Origine géographique :</i>	Inde
<i>Origin raw material :</i>	100% natural (Plant source)
<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>	Colourless to pale yellow
<i>Odour :</i>	Spicy, woody
<i>Acid Value :</i>	[80 ; 90]
<i>Flash point (°C) (close cup) :</i>	96
<i>Boiling point (°C) :</i>	[256 ; 259]
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<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]

1.5 VLEP

CARYOPHYLLENE 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%

IFRA : No restrictions (50th Am.)

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

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

Halal status : Certified

Statut kosher : Certified

CAS number : 87-44-5

AFNOR / ISO : ISO 16128

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listé

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

Foodgrade certificate : Certified

Ionization : -

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : -

Vegan : Yes

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

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : /

Custom tariff : 2902 19 00 00

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

Shelf life : 24 months, according to storage conditions

4.1 - STORAGE

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

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

CARYOPHYLLENE BETA

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : /
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

Labeling :



AH1 Aspiration hazard 1
SS1 Sensitisation skin 1



H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.

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.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.