

**PCW**

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Technical Data Sheet**DELTA-3-CARENE**

Manufacture PCW

Reference : DELTA-3-CARENE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	3-Carene
<i>Botanical name :</i>	Abies sp., Picea sp., Pinus sp.
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Anti-oxydant(s) :</i>	0.01% alpha-Tocopherol synth.
<i>Description :</i>	Obtained by physical distillation of Turpentine oil collected from Fir (Abies sp.), Pruces (Picea sp.) And Pine (Pinus sp.).
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Refractive index n (20/D) :</i>	[1.472 ; 1.473]
<i>Optical rotation (°) :</i>	-
<i>Peroxides value mmol/kg :</i>	160
<i>Boiling point (°C) :</i>	170
<i>Flash point (°C) (close cup) :</i>	47
<i>Peak #1 (%) :</i>	Delta 3 carene 93% min
<i>Peak #2 (%) :</i>	Dipentène 3% max
<i>Odour :</i>	Pine, Resinated, fruity sweet, citrus
<i>Melting point (°C) :</i>	< -80
<i>Density at 20°C :</i>	[0.860 ; 0.870]

2 - COSMETIC REGULAR DATA

<i>AFNOR / ISO :</i>	/
<i>Statut kosher :</i>	-
<i>Hallal status :</i>	-
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	No restrictions (50th Am.)
<i>CAS number :</i>	13466-78-9

DELTA-3-CARENE

Reg. 1223/2009 & mod. : See certificate

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

2.1 - REGULAR DATA FLAVOURS

Food allergens (Reg. 1169/2011/EC) : Not foodgrade

Genetically Modified Organisms (GMO) : -

Foodgrade certificate : Not certified

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : D/E

Shelf life : 12 months, according to storage conditions

Custom tariff : 2902 19 00 00

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 : 2319 TERPENE HYDROCARBONS, N.O.S.(Delta-3-Carene), 3, III

Maritime Transport IMDG : 2319 TERPENE HYDROCARBONS, N.O.S.(Delta-3-Carene), 3, III

Marine pollutant : Yes

Air Transport IATA : 2319 TERPENE HYDROCARBONS, N.O.S.(Delta-3-Carene), 3, III

DELTA-3-CARENE

LEGISLATION :

COE (Council of Europe) : 10983
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
NEPA (China) : CB7349182
FLAVIS : 01.029
JECFA n° : 1342
FEMA : 3821
FDA : Not listed
ISHL (Japan) : Listed
ENCS (Japan) n° : Listed
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : 2017-1-7-94
EINECS (EU) : 236-719-3
RIFM - ID N° : 288
C.A.S : 13466-78-9

Labeling :



AH1 Aspiration hazard 1
EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3



SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1



H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.