

**PCW**

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Technical Data Sheet**MYRCENE**

Manufacture PCW

Reference : MYRCENE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Myrcene
<i>IUPAC Name :</i>	7-Methyl-3-methylenoocta-1,6-diene
<i>Chemical / REACH name :</i>	7-Methyl-3-methylenoocta-1,6-diene
<i>Synonyms :</i>	b-geraniolene
<i>Molecular formula :</i>	C ₁₀ H ₁₆
<i>Molecular weight :</i>	136.24
<i>Origin raw material :</i>	Synthetic
<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
<i>Odour :</i>	Balsamic
<i>Density 20/20°C :</i>	[0.789 ; 0.810]
<i>Refractive index @ 20°C :</i>	[1.465 ; 1.475]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	167
<i>Flash point (°C) (close cup) :</i>	45
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Hydrocarbons (%) :</i>	100
<i>Optical rotation (°) :</i>	[+4 ; -10]

MYRCENE

Purity (%) : 78

1.2 - ANALYTICAL DATA SPECIFIC

Peroxyde value (mg ox. actif/kg) : 20 max

1.5 VLEP

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

COV medium (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (50th Am.)

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

Statut kosher : -

Halal status : In compliance with the religious concepts

CAS number : 123-35-3

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of ionization

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

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

Bovine Spongiform
Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2901 29 00 00

Tunnel codes ADR : D/E

Shelf life : 12 months, according to storage conditions

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

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.(Myrcene), 3, III

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

Marine pollutant : Yes

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

MYRCENE

LEGISLATION :

EINECS (EU) : 204-622-5
FDA : 172.515
ENCS (Japan) n° : (2)-2358
COE (Council of Europe) : 2197c
FEMA : 2762
KECI : KE-24386
JECFA n° : 1327
FLAVIS : 01.008
NEPA (China) : CB0135735
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 345
ISHL (Japan) : (2)-2358
TCSI (Taiwan) : Listed
C.A.S : 123-35-3

Labeling :



AH1 Aspiration hazard 1



ED12 Serious eye damage / eye irritation 2

EHC2 Hazardous to the aquatic environment, long-term hazard 2



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.

H319 - Causes serious eye irritation.

H411 - Toxic 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.