

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**SPIRAMBRENE**

Manufacture PCW

Reference : SPIRAMBRENE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Pentamethyl-spirobicycloheptane-dioxane
<i>IUPAC Name :</i>	(1alpha,3alpha,6alpha)-2',2',3,7,7-Pentamethyl-spiro[bicyclo[4.1.0]heptane-2,5'-[1,3]dioxane]
<i>Chemical / REACH name :</i>	A mixture of: (1'-a,3'-a,6'-a-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane); (1'a,3'β,6'a)-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane)
<i>Molecular formula :</i>	C ₁₅ H ₂₆ O ₂
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Origine géographique :</i>	Switzerland
<i>Ref code :</i>	SPIR-1
<i>Skin irritation :</i>	Irritating
<i>Eyes irritation :</i>	Vapours may cause irritation to the eyes, respiratory system and the skin
<i>CAS number :</i>	121251-67-0 ; 121251-68-1
<i>Nanomaterials :</i>	Not concerned

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless to pale yellow
<i>Odour :</i>	Woody, amber, dry, bitter
<i>Density at 20°C :</i>	[0.9890 ; 0.9940]
<i>Density at 20/4°C :</i>	[0.987 ; 0.992]
<i>Refractive index at 20°C :</i>	[1.476 ; 1.481]
<i>Refractive index at 25°C :</i>	[1.474 ; 1.479]
<i>Boiling point (°C) :</i>	252
<i>Flash point (°C) (close cup) :</i>	130
<i>Peak #1 (%) :</i>	[62.0 ; 72.0]
<i>Peak #2 (%) :</i>	[25.0 ; 35.0]
<i>Somme of isomers (by G.C.) (%) :</i>	[90.0 ; 100.0]

SPIRAMBRENE

Endocrine disruptors – health and environment : No contains endocrine disruptors

Density at 25°C : [0.9860 ; 0.9910]

COSMETIC REGULAR DATA

Anti-oxydant(s) : 0.1% Tinogard TT

Statut kosher : In compliance with kosher requiments

Halal status : Complies with halal requirements

Palm oil or palm oil derivatives : Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

Animal testing : This product was not tested on animals.

ISO 9235 : Not concerned

ISO 16128 : The Natural Origin Index is: Ino= 0.67.

REGULAR DATA FLAVOURS

Bovine Spongiform Free of BSE/TSE risks.

Encephalopathy (BSE) :

Vegan : Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 99 00 90

Shelf life : 24 months, according to storage conditions

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

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

LEGISLATION :

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

DSL (Canada) : Listed

COE (Council of Europe) : Not listed

KECI : Not listed

EINECS (EU) : 416-930-9

ENCS (Japan) n° : Not listed

FDA : Not listed

FEMA : Not listed

FLAVIS : Not listed

IECSC (China) : Listed

ISHL (Japan) : Not listed

JECFA n° : Not listed

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

TCSI (Taiwan) : Listed

NEPA (China) : CB91215534

NZIoC (New Zealand) : Not listed

PICCS (Philippines) : Listed

RIFM - ID N° : Not listed

TSCA (Toxic Substances Control Act - USA) : Listed

C.A.S : 121251-67-0 121251-68-1