

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**AMBERXAN**

Manufacture PCW

Reference : AMBERXAN

TECHNICAL DATA

<i>Ref code :</i>	AMBRO-1
<i>IUPAC Name :</i>	(3aR,5aS,9aS,9bR)-3a,6,6,9a-tetramethyl-2,4,5,5a,7,8,9,9b-octahydro-1H-naphtho[7,8-b]furan
<i>I.N.C.I. :</i>	Dodecahydro-tetramethylnaphthofuran
<i>Chemical / REACH name :</i>	3a,6,6,9a-Tetramethyldodecahydronaphtho[2,1-b]furan
<i>Origine géographique :</i>	China
<i>Molecular formula :</i>	C16 H28 O
<i>Process :</i>	Clary sage plant -> extraction + distillation -> sclareol -> oxidization + saponification + cyclization -> crude sclareolide -> recrystallisation -> pure sclareolide -> reduction + dehydration -> crude ambroxide -> recrystallization + vacuum drying -> finish product
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>CAS number :</i>	6790-58-5
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>Skin irritation :</i>	Pas de données
<i>Eyes irritation :</i>	Pas de données
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE

ANALYTICAL DATA

<i>Appearance :</i>	Solid, Crystals
<i>Colour :</i>	White
<i>Odour :</i>	Ambergris, sweet woody
<i>Optical rotation (°) :</i>	[-21 ; -24]
<i>Loss on drying :</i>	0.50% max.
<i>Boiling point (°C) :</i>	120
<i>Flash point (°C) (close cup) :</i>	161
<i>Density at 20°C :</i>	[- ; -]
<i>Refractive index at 20°C :</i>	[- ; -]
<i>Purity (%) :</i>	[99 ; 100]

AMBERXAN

ANALYTICAL DATA SPECIFIC

Ash (%) : 0.30% max

COSMETIC REGULAR DATA

Anti-oxydant(s) : None

Statut kosher : In compliance with kosher requirements

Halal status : Complies with halal requirements

Animal testing : This product was not tested on animals.

ISO 16128 : The Natural Index is: In= 0. The Natural Origin Index is: Ino= 1.

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

ISO 9235 : Not concerned

REGULAR DATA FLAVOURS

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks.

Vegan : Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2932 99 00 90

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

Storage : Store in a dry local in tightly sealed original container. Avoid prolonged exposure to light, humidity and air.

LEGISLATION :

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

DSL (Canada) : Listed

KECI : KE-12821

EINECS (EU) : 229-861-2

ENCS (Japan) n° : 5-3339

EPA N° : Listed

IECSC (China) : Listed

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

TCSI (Taiwan) : Listed

NEPA (China) : CB4423607

NZIoC (New Zealand) : Approved

RIFM - ID N° : 1169

TSCA (Toxic Substances Control Act - USA) : Listed

C.A.S : 6790-58-5