

**PCW**

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Technical Data Sheet**AMBERXAN**

Manufacture PCW

Reference : AMBERXAN

1 - 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>Synonyms :</i>	Ambroxan; Ambroxide; Amber Ether; Ambrofix
<i>Origin raw material :</i>	100% natural (Plant source: SALVIA SCLAREA L.)
<i>Origine géographique :</i>	China
<i>Molecular formula :</i>	C16 H28 O
<i>Molecular weight :</i>	236.39
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid, Crystals
<i>Color :</i>	White
<i>Odour :</i>	Ambergris, sweet woody
<i>Optical rotation (°) :</i>	[-21 ; -24]
<i>Loss on drying :</i>	0.50% max.
<i>Melting point (°C) :</i>	[74 ; 76]
<i>Boiling point (°C) :</i>	120
<i>Flash point (°C) (close cup) :</i>	161
<i>Ignition temperature :</i>	-
<i>Density at 20°C :</i>	[- ; -]
<i>Refractive index @ 20°C :</i>	[- ; -]
<i>Acid Value :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[99.0 ; 100.0]

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Impurities >0.01% : -

1.2 - ANALYTICAL DATA SPECIFIC

Ash (%) : 0.30% max
Heavy metal : Total 10 ppm 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

Statut kosher : Certified
Halal status : Certified
CAS number : 6790-58-5
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : No restrictions (50th Am.)
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
CMR (Reg. 1223/2009/EEC) : See certificate
Animal testing : This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO
Food allergens (Reg. 1169/2011/EC) : None
Natural status (Reg. 1334/2008/EC) : -
Ionization : -
REG. 872/2012 CE Annex 1 : Not listed
Foodgrade certificate : Not certified
Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions
Custom tariff : 2932 99 00 90
Tunnel codes ADR : /
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

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

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LEGISLATION :

RIFM - ID N° : 1169
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Approuved
NEPA (China) : CB4423607
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
IECSC (China) : Listed
EPA N° : Listed
ENCS (Japan) n° : 5-3339
EINECS (EU) : 229-861-2
TCSI (Taiwan) : Listed
KECI : KE-12821
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 6790-58-5

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC

EUH210 - Safety data sheet available on request.