



## PCW

45 Boulevard Marcel PAGNOL  
06130 GRASSE - FRANCE  
Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19  
Site : www.pcwfrance.com Mail : info@pcwfrance.com

### Technical Data Sheet

# AMBERXAN

Manufacture PCW

Reference : AMBERXAN

## 1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	[3aR-(3aa,5aβ,9aa,9bβ)]-dodecahydro-3a,6,6,9a-tetramethylnaphtho[2,1-b]furan
<i>Synonyms :</i>	Ambroxan ; Ambroxide
<i>Molecular formula :</i>	C16 H28 O
<i>Molecular weight :</i>	236.40
<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
<i>I.N.C.I. :</i>	Dodecahydro-tetramethylnaphthofuran
<i>IUPAC Name :</i>	(-)-(3aR,5aS,9aS,9bR)-3a,6,6,9a-Tetramethyldodecahydronaphtho[2,1-b]furan

## 1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid, crystalline powder
<i>Color :</i>	White
<i>Odour :</i>	Ambery, woody, sweet, musky
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	>75
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	161
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[99 ; 100]
<i>Impurities &gt;0.01% :</i>	-

## 1.5 VLEP

# AMBERXAN

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

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

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

Statut kosher : Certified

Hallal status : -

CAS number : 6790-58-5 ; 3738-00-9

Animal testing : This product was not tested on animals.

## **2.1 - REGULAR DATA FLAVOURS**

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) : -

Food allergens (Reg. 1169/2011/EC) : None

Vegan : Yes

## **4 - TRANSPORT - HANDLING - STORAGE**

Custom tariff : 2932 99 00 90

Tunnel codes ADR : /

Shelf life : 24 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 : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

# AMBERXAN

## **LEGISLATION :**

AICS (Australian Invent. Chem. Subs.) : Listed  
ECL (Corée du Sud) n° : KE-12821  
ECSI (Taiwan) : Listed  
EINECS (EU) : 229-861-2  
FEMA : 3471  
IECSC (China) : Listed  
JECFA n° : 1240  
DSL (Canada) : Listed  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
NZIoC (New Zealand) : Listed  
PICCS (Philippines) : Listed  
RIFM - ID N° : 1169  
TSCA (Toxic Substances Control Act - USA) : Listed  
C.A.S : 6790-58-5 3738-00-9

## **Labeling :**

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