

**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**TOCOPHEROL ALPHA 100% NATUREL**

Manufacture PCW

Reference : TOCOPHEROL ALPHA 100% NATUREL

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	a-Tocopherol
<i>Synonyms :</i>	D-alpha-Tocopherol; Vitamin E
<i>Molecular formula :</i>	C ₂₉ H ₅₀ O ₂
<i>Molecular weight :</i>	430.715
<i>Origin raw material :</i>	Natural (Plant source)
<i>Origine géographique :</i>	Spain
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Water solubility :</i>	Practically insoluble
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Tocopherol
<i>IUPAC Name :</i>	(2R)-2,5,7,8-tetramethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-3,4-dihydro-2H-1-benzopyran-6-ol
<i>Description :</i>	Vitamin E (d-a-Tocopherol) from 100% natural NON-GMO soybean oil

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Viscous oily liquid
<i>Color :</i>	Colorless or yellowish-brown
<i>Odour :</i>	Characteristic
<i>Density @ 25°C :</i>	[0.950 ; 1.000]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	[185 ; 200]
<i>Flash point (°C) (close cup) :</i>	>200
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	-
<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	+24

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1.2 - ANALYTICAL DATA SPECIFIC

Mercury (Hg) :	max. 0.1 ppm
Lead (Pb) :	max. 2 ppm
Arsenic (As) :	max. 2 ppm
Cadmium (Cd) :	max. 1 ppm

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
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 :	-
CAS number :	59-02-9
AFNOR / ISO :	Produced under ISO 9001
Animal testing :	This product was not tested on animals.
CITES :	All the ingredients come from sustainable sources and none of them are obtained from specimens of CITES-listed species
Nanoparticle :	Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization :	Not submitted to a processing of ionization
Natural status (Reg. 1334/2008/EC) :	-
REG. 872/2012 CE Annex 1 :	Not listed
Foodgrade certificate :	Not 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 :	2936 28 00 00
Tunnel codes ADR :	/
Shelf life :	36 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.
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Transport :

Land Transport ADR/RID :	NR Not regulated for transport
Maritime Transport IMDG :	NR Not regulated for transport

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Marine pollutant :

Air Transport IATA : NR Not regulated for transport

LEGISLATION :

ENCS (Japan) n° : (9)-864

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

DSL (Canada) : Listed

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

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

KECI : KE-10750

TCSI (Taiwan) : Listed

IECSC (China) : Listed

EINECS (EU) : 200-412-2

C.A.S : 59-02-9

Labeling :

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