

**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**VANILLIN**

Manufacture PCW

Reference : VANILLIN

1 - TECHNICAL DATA

<i>Ref code :</i>	VA-1
<i>I.N.C.I. :</i>	Vanillin
<i>Description :</i>	-
<i>Origin raw material :</i>	100% natural
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Origine géographique :</i>	-
<i>IUPAC Name :</i>	4-hydroxy-3-methoxybenzaldehyde
<i>Chemical / REACH name :</i>	4-hydroxy-3-methoxybenzaldehyde
<i>Synonyms :</i>	4-hydroxy-meta-anisaldehyde ; methyl protocatechuic aldehyde ; protocatechualdehyde-3-methyl ether
<i>Molecular formula :</i>	C ₈ H ₈ O ₃
<i>Molecular weight :</i>	152.15
<i>Anti-oxydant(s) :</i>	-
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid
<i>Colour :</i>	-
<i>Odour :</i>	Characteristic
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Optical rotation (°) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	153
<i>Peroxides value mmol/kg :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[81 ; 84]

VANILLIN

Ignition temperature : -
Purity (%) : -
Impurities >0.01% : -

1.2 - ANALYTICAL DATA SPECIFIC

Mercury (Hg) : < 1 ppm
Lead (Pb) : < 10 ppm
Cadmium (Cd) : < 1 ppm
Arsenic (As) : < 3 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

Reg. 1223/2009 & mod. : Voir certificat
Allergens SCCNFP List : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate
IFRA : No restrictions (51st Am.)
Statut kosher : Certified
Halal status : In compliance with the religious concepts
AFNOR / ISO : /
CAS number : 121-33-5
Animal testing : This product was not tested on animals.
Nanomaterials : Not concerned
VOC Swiss - Annex 1 : Not listed

2.1 - REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) : Flavouring substance
Food allergens (Reg. 1169/2011/EC) : None
Bovine Spongiform Encephalopathy (BSE) : -
GMO (Reg (EC) 1829/2003 & 1830/2003 : Does not result / does not contain GMO
Ionization : -
Vegan : Yes
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Certified

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : -
Shelf life : 36 mois
Custom tariff : 2912 41 00 00
Precautions of use : Avoid any direct contact with the product.

4.1 - STORAGE

Storage : Store at 20°C max. Avoid prolonged exposure to light and air.

VANILLIN

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

LEGISLATION :

FLAVIS : 05.018

NEPA (China) : CB8262475

COE (Council of Europe) : 107

EINECS (EU) : 204-465-2

ISHL (Japan) : (3) - 1200

JAPON n° ENCS : (3) - 1200

JECFA n° : 889

FDA : 182.6

FEMA : 3107

NZIoC (New Zealand) : Listed

ENCS (Japan) n° : Listed

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

PICCS (Philippines) : Listed

IECSC (China) : Listed

RIFM - ID N° : 150

KECI : KE-20615

TSCA (Toxic Substances Control Act - USA) : Listed

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

DSL (Canada) : Listed

C.A.S : 121-33-5

Labeling :



ED12 Serious eye damage / eye irritation 2

H319 - Causes serious eye irritation.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.