

**PCW**

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Technical Data Sheet**ZINGERONE**

Manufacture PCW

Reference : ZINGERONE

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	4-(4-hydroxy-3-methoxyphenyl)butan-2-one
<i>Synonyms :</i>	Vanillyl ketone ; Ginger ketone ; Vanillylacetone ; Zingiberone ; Gingerone
<i>Molecular formula :</i>	C11 H14 O3
<i>Molecular weight :</i>	194.23
<i>Origin raw material :</i>	-
<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>	Zingerone
<i>IUPAC Name :</i>	4-(4-hydroxy-3-methoxyphenyl)-2-butanone

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Crystalline solid
<i>Color :</i>	White to yellow
<i>Odour :</i>	Sweet, spicy, phenolic, woody
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[40 ; 43]
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>150
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.00 ; 100.00]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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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 : -
Hallal status : -
CAS number : 122-48-5

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) : -
Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2914 50 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 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

ZINGERONE

LEGISLATION :

FLAVIS : 07.005

COE (Council of Europe) : 139

JECFA n° : 730

FDA : 172.515

NDSL/LES (Canada - Non-domestic Substances List) : Listed

DSL (Canada) : Listed

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

PICCS (Philippines) : Listed

ECSI (Taiwan) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

IECSC (China) : Listed

FEMA : 3124

EINECS (EU) : 204-548-3

C.A.S : 122-48-5