

**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**ACETAL CD**

Manufacture PCW

Reference : ACETAL CD

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Phenylacetaldehyde glyceryl cyclic acetals
<i>IUPAC Name :</i>	2-(phenylmethyl)-1,3-dioxan-5-ol
<i>Chemical / REACH name :</i>	Benzeneacetaldehyde, cyclic acetal with glycerol
<i>Synonyms :</i>	Hyacinth acetals
<i>Molecular formula :</i>	C11 H14 O3
<i>Molecular weight :</i>	194.20
<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>	-
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Floral, green, honey, dew
<i>Density 20/20°C :</i>	[1.157 ; 1.167]
<i>Refractive index @ 20°C :</i>	[1.530 ; 1.536]
<i>Acid Value :</i>	[0 ; 1.0 mg/g KOH]
<i>Melting point (°C) :</i>	-20
<i>Boiling point (°C) :</i>	290°C
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	>95.0
<i>Impurities >0.01% :</i>	-
<i>Indice de réfraction à 25°C :</i>	[1.528 ; 1.534]
<i>Relative density @ 25°C :</i>	[1.154 ; 1.164]

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Densité à 20/4°C : [1.155 ; 1.165]
Peroxides value mmol/kg : [0 ; 20.0 mmol/l]

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
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : Restricted (50th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : -
Halal status : -
CAS number : 29895-73-6

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC
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 : 2911 00 00 90
Tunnel codes ADR : /
Shelf life : 18 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

ACETAL CD

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
TCSI (Taiwan) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
KECI : Not listed
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
EINECS (EU) : 249-934-2
DSL (Canada) : Listed
COE (Council of Europe) : 41
PICCS (Philippines) : Listed
JECFA n° : 1004
FEMA : 2877
RIFM - ID N° : 267
NEPA (China) : CB5302031
ENCS (Japan) n° : (5)-830
ISHL (Japan) : (5)-830
FLAVIS : 06.007
C.A.S : 29895-73-6

Labeling :



ATO4 Acute toxicity oral 4
ED12 Serious eye damage / eye irritation 2
SC12 Skin corrosion / irritation 2

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.