

**PCW**

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Technical Data Sheet**BENZALDEHYDE FLG**

Manufacture PCW

Reference : BENZALDEHYDE FLG

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Benzaldehyde
<i>IUPAC Name :</i>	Benzaldehyde
<i>Chemical / REACH name :</i>	Benzaldehyde
<i>Synonyms :</i>	Benzoic aldehyde ; Artificial almond oil ; Phenylformaldehyde
<i>Molecular formula :</i>	C7 H6 O
<i>Molecular weight :</i>	106,13
<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>	Insoluble 3.3 g/L
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Almond
<i>Density at 20°C :</i>	[1.043 ; 1.047]
<i>Refractive index @ 20°C :</i>	[1.544 ; 1.546]
<i>Acid Value :</i>	[0 ; 4.6]
<i>Melting point (°C) :</i>	-56
<i>Boiling point (°C) :</i>	179
<i>Flash point (°C) (close cup) :</i>	64
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	>99.0
<i>Impurities >0.01% :</i>	-
<i>pH-value :</i>	5.90

1.5 VLEP

BENZALDEHYDE FLG

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 : Non listed

Low VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 100-52-7

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

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 21 00 00

Tunnel codes ADR : /

Shelf life : 8 months, according to storage conditions

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 under nitrogen

Transport :

Land Transport ADR/RID : 1990 BENZALDEHYDE, 9, III

Maritime Transport IMDG : 1990 BENZALDEHYDE, 9, III

Marine pollutant :

Air Transport IATA : 1990 BENZALDEHYDE, 9, III

BENZALDEHYDE FLG

LEGISLATION :

JECFA n° : 22
FEMA : 2127
RIFM - ID N° : 155
ENCS (Japan) n° : (3)-1142
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
ECL (Corée du Sud) n° : KE-02713
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
EINECS (EU) : 202-860-4
PICCS (Philippines) : Listed
NEPA (China) : CB6852588
FLAVIS : 05.013
COE (Council of Europe) : 101
C.A.S : 100-52-7

Labeling :



AT14 Acute toxicity inhalation 4
ATO4 Acute toxicity oral 4
ED12 Serious eye damage / eye irritation 2
STO-SE3-RI Toxicité organes cibles - expo unique 3RI

H302+H332 - Harmful if swallowed or if inhaled
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER/doctor/... if you feel unwell.
P330 - Rinse mouth.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.