

**PCW**

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Technical Data Sheet**BENZYL ACETONE**

Manufacture PCW

Reference : BENZYL ACETONE

1 - TECHNICAL DATA

<i>Ref code :</i>	BENZA-1
<i>I.N.C.I. :</i>	Benzyl acetone
<i>IUPAC Name :</i>	4-phenylbutan-2-one
<i>Chemical / REACH name :</i>	4-phenylbutan-2-one
<i>Synonyms :</i>	Methyl Phenethyl Ketone
<i>Molecular formula :</i>	C10 H12 O
<i>Molecular weight :</i>	148.2
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	India
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	Non
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Aromatic, sweet, fruity, floral, herbaceous
<i>Density 20/20°C :</i>	[0.985 ; 0.996]
<i>Refractive index @ 20°C :</i>	[1.510 ; 1.515]
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	235
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.00 ; 100.00]
<i>Impurities >0.01% :</i>	May contain, technically unavoidable: Benzylidene acetone <0.02%.

1.2 - ANALYTICAL DATA SPECIFIC

BENZYL ACETONE

Humidity (%) :	Max. 0.20% (m/m)
Arsenic (As) :	<3 mg/kg
Cadmium (Cd) :	<1 mg/kg
Mercury (Hg) :	<1 mg/kg
Lead (Pb) :	<10 mg/kg

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 :	In compliance with the religious concepts
Halal status :	In compliance with the religious concepts
CAS number :	2550-26-7
Animal testing :	This product was not tested on animals.
Nanoparticle :	Not concerned
ISO 16128 :	The Natural Index is: In= 0. The Natural Origin Index is: Ino= 0.

2.1 - REGULAR DATA FLAVOURS

Ionization :	Not submitted to a processing of ionization
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 :	2914 39 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 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
Marine pollutant :	
Air Transport IATA :	NR Not regulated for transport

BENZYL ACETONE

LEGISLATION :

RIFM - ID N° : 1071
NEPA (China) : CB6175537
KECI : 2012-3-5426
TCSI (Taiwan) : Listed
ISHL (Japan) : 4-(10)-721
ENCS (Japan) n° : (3)-4474
JECFA n° : Not listed
COE (Council of Europe) : 11182
FLAVIS : 07.194
FEMA : Not listed
FDA : Not listed
IECSC (China) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
EINECS (EU) : 219-847-4
C.A.S : 2550-26-7

Labeling :

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