

**PCW**

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Technical Data Sheet**ISOBUTAVAN**

Manufacture PCW

Reference : ISOBUTAVAN

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	4-Formyl-2-methoxyphenyl isobutyrate
<i>Chemical / REACH name :</i>	Propanoic acid, 2-methyl-, 4-formyl-2-methoxyphenyl ester
<i>IUPAC Name :</i>	4-Formyl-2-methoxyphenyl 2-Methylpropanoate
<i>Synonyms :</i>	Vanillin isobutyrate ; Isobutavan ; 4-isobutyrate-3-methoxybenzaldehyde ; Isobutyric acid, ester with vanillin
<i>Molecular formula :</i>	C ₁₂ H ₁₄ O ₄
<i>Molecular weight :</i>	222.23
<i>Origin raw material :</i>	Synthetic
<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>	No 366.1 mg/L @ 25°C (litt.)
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Residual solvent(s) :</i>	Toluene (0.01% max.)
<i>Appearance :</i>	Liquid, may solidify when stored at low temperature
<i>Color :</i>	Slightly yellow to yellow
<i>Odour :</i>	Sweet and creamy vanillic reminiscent of white chocolate, cream soda and with a soft apricot
<i>Density at 20°C :</i>	[1.133 ; 1.139]
<i>Refractive index @ 20°C :</i>	[1.521 ; 1.527]
<i>Melting point (°C) :</i>	[28 ; 32°C (litt.)]
<i>Acid Value :</i>	[0 ; 2.0]
<i>Purity (%) :</i>	98.0% min.
<i>Peak #1 (%) :</i>	[(Vanillin) 0 ; 2]
<i>Impurities >0.01% :</i>	Toluene (residual) 0.01% max.
<i>Boiling point (°C) :</i>	135°C @ 2mmHg (3hPa)
<i>Flash point (°C) (close cup) :</i>	174
<i>Ignition temperature :</i>	-

ISOBUTAVAN

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

Statut kosher : In compliance with the religious concepts

Hallal status : In compliance with the religious concepts

CAS number : 20665-85-4

Reg. 1223/2009 & mod. : -

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

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

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

Nanoparticle : Not concerned

Animal testing : This product was not tested on animals.

2.1 - REGULAR DATA FLAVOURS

Natural status (Reg.
1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : complies with the requirements of Regulation 1334/2008/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

Food allergens (Reg.
1169/2011/EC) : None

Ionization : Not submitted to a processing of ionization

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Tunnel codes ADR : /

Custom tariff : 2915 60 19 90

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

ISOBUTAVAN

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
DSL (Canada) : Listed
ECL (Corée du Sud) n° : Not listed
EINECS (EU) : 243-956-6
RIFM - ID N° : 5094
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : 20665-85-4
ENCS (Japan) n° : Not listed
EPA N° : Not listed
FDA : Not listed
FEMA : 3754
FLAVIS : 09.811
IECSC (China) : Listed
ISHL (Japan) : 4-(7)-1462
JECFA n° : 891
NZIoC (New Zealand) : Approved
NEPA (China) : CB0127044
C.A.S : 20665-85-4

Labeling :

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