

**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**ISOBUTAVAN**

Manufacture PCW

Reference : ISOBUTAVAN

TECHNICAL DATA

<i>Ref code :</i>	ISOB-1
<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>Molecular formula :</i>	C ₁₂ H ₁₄ O ₄
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Process :</i>	Raw materials (fossil fuels) -> Reaction -> Distillation -> ISOBUTAVAN
<i>CAS number :</i>	20665-85-4
<i>Nanomaterials :</i>	Not concerned
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO
<i>Ionization :</i>	Not submitted to a processing of ionization

ANALYTICAL DATA

<i>Appearance :</i>	Liquid, may solidify when stored at low temperature
<i>Colour :</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>Purity (%) :</i>	[98 ; 100]
<i>Peak #1 (%) :</i>	[(Vanillin) 0 ; 2]
<i>Flash point (°C) (close cup) :</i>	174
<i>Residual solvent(s) :</i>	Toluene (<100 ppm)

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Animal testing :</i>	This product was not tested on animals.
<i>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>ISO 9235 :</i>	Not concerned

ISOBUTAVAN

ISO 16128 : 0% of natural origin

REGULAR DATA FLAVOURS

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

Foodgrade certificate : Complies with the requirements of Regulation 1334/2008/EC

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

Vegan : Does not contain ingredient from animal origin

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2915 60 19 90

Precautions of use : Avoid any direct contact with the product.

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

NEPA (China) : CB0127044

NZIoC (New Zealand) : Approved

JECFA n° : 891

ISHL (Japan) : 4-(7)-1462

IECSC (China) : Listed

FLAVIS : 09.811

FEMA : 3754

FDA : Not listed

EPA N° : Not listed

ENCS (Japan) n° : Not listed

TSCA (Toxic Substances Control Act - USA) : 20665-85-4

PICCS (Philippines) : Listed

RIFM - ID N° : 5094

EINECS (EU) : 243-956-6

KECI : Not listed

DSL (Canada) : Listed

COE (Council of Europe) : Not listed

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

C.A.S : 20665-85-4