

**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**ISOVALERIC ALDEHYDE**

Manufacture PCW

Reference : ISOVALERIC ALDEHYDE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Isopentanal
<i>IUPAC Name :</i>	3-Methyl-butanal; isovaleral
<i>Chemical / REACH name :</i>	Isovaleraldehyde
<i>Molecular formula :</i>	C ₅ H ₁₀ O
<i>Origine géographique :</i>	Germany
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>CAS number :</i>	590-86-3
<i>Ionization :</i>	Not submitted to a processing of ionization
<i>GMO (Reg (EC) 1829/2003 & 1830/2003 :</i>	Does not result / does not contain GMO

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless
<i>Odour :</i>	Fruity
<i>Density at 20°C :</i>	[0.794 ; 0.810]
<i>Refractive index @ 20°C :</i>	[1.386 ; 1.400]
<i>Flash point (°C) (close cup) :</i>	- 5
<i>pH-value :</i>	5.3
<i>Purity (%) :</i>	[97.0 ; 100.0]

COSMETIC REGULAR DATA

<i>Anti-oxydant(s) :</i>	None
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>Halal status :</i>	Complies with halal requirements
<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.

ISOVALERIC ALDEHYDE

ISO 16128 : 0% of natural origin

REGULAR DATA FLAVOURS

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

Foodgrade certificate : In compliance with Regulation (EC) 1334/2008

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 : Oui

TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 00

Shelf life : 12 months, according to storage conditions

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

Storage : Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

DSL (Canada) : Listed

NEPA (China) : CB0351221

TSCA (Toxic Substances Control Act - USA) : Listed

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

KECI : KE-23536

EINECS (EU) : 209-691-5

ENCS (Japan) n° : (2)-494

FDA : 172.515

FEMA : 2692

FLAVIS : 05.006

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

COE (Council of Europe) : 94

IECSC (China) : Listed

JECFA n° : 258

TCSI (Taiwan) : Listed

RIFM - ID N° : 1147

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

C.A.S : 590-86-3