

**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**LINALYL ISOBUTYRATE**

Manufacture PCW

Reference : LINALYL ISOBUTYRATE

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	1,5-dimethyl-1-vinylhex-4-enyl isobutyrate
<i>Synonyms :</i>	3,7-dimethylocta-1,6-dien-3-yl 2-methylpropanoate
<i>Molecular formula :</i>	C ₁₄ H ₂₄ O ₂
<i>Molecular weight :</i>	224,30
<i>Origin raw material :</i>	Synthetic
<i>Origine géographique :</i>	-
<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>	None
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	No
<i>I.N.C.I. :</i>	Linalyl isobutyrate
<i>IUPAC Name :</i>	1,5-Dimethyl-1-vinylhex-4-enyl 2-methylpropanoate

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Floral, fruity, spicy, rose
<i>Density at 20°C :</i>	[0.885 ; 0.889]
<i>Refractive index @ 20°C :</i>	[1.4460 ; 1.450]
<i>Acid Value :</i>	[0 ; 1 mgKOH/g]
<i>Melting point (°C) :</i>	-20
<i>Boiling point (°C) :</i>	228
<i>Flash point (°C) (close cup) :</i>	105
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[96 ; 100]
<i>Impurities >0.01% :</i>	-
<i>Indice de réfraction à 25°C :</i>	[1.4440 ; 1.448]
<i>Densité à 20/4°C :</i>	[0,883 ; 0,887]

LINALYL ISOBUTYRATE

Relative density @ 25°C : [0.882 ; 0.886]

1.2 - ANALYTICAL DATA SPECIFIC

Heavy metal : None

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 : No restrictions (50th Am.)

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

Statut kosher : Certified

Halal status : In compliance with the religious concepts

CAS number : 78-35-3

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

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 : 2915 60 19 90

Tunnel codes ADR : E

Shelf life : 12 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.

Transport :

Land Transport ADR/RID : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Isobutyrate de linalyle), 9, III

Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Isobutyrate de linalyle), 9, III

Marine pollutant : Yes

Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Isobutyrate de linalyle), 9, III

LINALYL ISOBUTYRATE

LEGISLATION :

PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
FDA : 172.515
FEMA : 2640
JECFA n° : 362
ENCS (Japan) n° : (2)-763
ISHL (Japan) : Not listed
TCSI (Taiwan) : Listed
KECI : KE-24878
FLAVIS : 09.423
COE (Council of Europe) : 298
NEPA (China) : CB5204687
EINECS (EU) : 201-108-2
RIFM - ID N° : 508
C.A.S : 78-35-3

Labeling :



EHC2 Hazardous to the aquatic environment, long-term hazard 2

H411 - Toxic to aquatic life with long lasting effects.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.