

**PCW**

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Technical Data Sheet**CITRONELLYL ISOBUTYRATE**

Manufacture PCW

Reference : CITRONELLYL ISOBUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citronellyl isobutyrate
<i>IUPAC Name :</i>	3,7-Dimethyloct-6-enyl 2-Methylpropanoate
<i>Chemical / REACH name :</i>	3,7-dimethyloct-6-enyl isobutyrate
<i>Synonyms :</i>	Citronellyl 2-methyl propanoate
<i>Molecular formula :</i>	C ₁₄ H ₂₆ O ₂
<i>Molecular weight :</i>	226.36
<i>Origin raw material :</i>	Synthetic
<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>	No
<i>Solubility in alcohol (°) :</i>	Yes
<i>Ref code :</i>	CITISO-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Conform to the commercial description.
<i>Densité à 20/4°C :</i>	[0.875 ; 0.881]
<i>Refractive index @ 20°C :</i>	[1.440 ; 1.445]
<i>Acid Value :</i>	[0 ; 1 mg/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[97.00 ; 100.00]
<i>Impurities >0.01% :</i>	-
<i>Peak #1 (%) :</i>	[Dimethyloctyl isobutyrate: 8 ; 16]

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Peak #2 (%) :	[Citronellyl isobutyrate: 68 ; 78]
Peak #3 (%) :	[Neryl isobutyrate: 5 ; 10]
Peak #4 (%) :	[Geranyl isobutyrate: 5 ; 10]

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 :	-
Halal status :	-
CAS number :	97-89-2

2.1 - REGULAR DATA FLAVOURS

Ionization :	-
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
REG. 872/2012 CE Annex 1 :	Listed
Foodgrade certificate :	Complies with the requirements of Regulations 1334/2008/EC & 872/2012/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

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff :	2920 90 70 90
Tunnel codes ADR :	/
Shelf life :	12 months, according to storage conditions
Precautions of use :	Avoid any direct contact with the product.

4.1 - STORAGE

Storage :	Keep under Nitrogen, at cool temperature (max 18°C). Avoid prolonged exposure to light, humidity 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

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LEGISLATION :

EINECS (EU) : 202-616-7
RIFM - ID N° : 351
KECI : KE-11695
TCSI (Taiwan) : Listed
ENCS (Japan) n° : (2)-762
ISHL (Japan) : Not listed
FDA : 172.515
FEMA : 2313
JECFA n° : 71
FLAVIS : 09.421
COE (Council of Europe) : 296
NEPA (China) : CB8345969
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 97-89-2

Labeling :

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