

**PCW**

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Technical Data Sheet**CITRONELLYL NITRILE**

Manufacture PCW

Reference : CITRONELLYL NITRILE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	3,7-Dimethyloct-6-enenitrile ; agrunitril
<i>I.N.C.I. :</i>	Citronellyl nitrile
<i>Chemical / REACH name :</i>	3,7-dimethyloct-6-enenitrile
<i>Synonyms :</i>	Citronellyl nitrile; Baranyl nitrile; Agrunitrile
<i>Molecular formula :</i>	C ₁₀ H ₁₇ N
<i>Molecular weight :</i>	151.25
<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>	5%
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	Sparingly soluble in water
<i>Anti-oxydant(s) :</i>	None

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to yellowish
<i>Odour :</i>	Fresh, sweet, metallic, citrus, waxy, green herbal
<i>Relative density @ 25°C :</i>	[0.842 ; 0.847]
<i>Refractive index @ 20°C :</i>	[1.448 ; 1.451]
<i>Acid Value :</i>	1.5 max.
<i>Melting point (°C) :</i>	-20
<i>Flash point (°C) (close cup) :</i>	103
<i>Boiling point (°C) :</i>	233 @ 760 mm of Hg
<i>Ignition temperature :</i>	No data
<i>Peak #1 (%) :</i>	[Neryl + Geranyl nitrile ; 0.15% max.]
<i>Purity (%) :</i>	Citronellyl nitrile : 99.5% min.
<i>Impurities >0.01% :</i>	Citronellol : < 0.1% ; Neryl nitrile : 0.1% ; Geranyl nitrile : < 0.05%

1.5 VLEP

CITRONELLYL NITRILE

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 : Not certified
Hallal status : Not certified
CAS number : 51566-62-2
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : Restricted (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Low VOC (CARB) : 100%
VOC Swiss - Annex 1 : Not listed

2.1 - REGULAR DATA FLAVOURS

Ionization : -
REG. 872/2012 CE Annex 1 : Not listed
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

Shelf life : 24 months, according to storage conditions
Custom tariff : 2926 90 95 90
Tunnel codes ADR : -
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 : No
Air Transport IATA : NR Not regulated for transport

CITRONELLYL NITRILE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : Not listed
ECL (Corée du Sud) n° : KE-11662
ECSI (Taiwan) : Listed
EINECS (EU) : 257-288-8
ENCS (Japan) n° : 2-1507
EPA N° : Listed
FDA : Not listed
FEMA : Not listed
FLAVIS : /
JECFA n° : Not listed
DSL (Canada) : Listed
NEPA (China) : CB9136629
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 884
TSCA (Toxic Substances Control Act - USA) : Listed
ISHL (Japan) : (2)-1507
IECSC (China) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
C.A.S : 51566-62-2

Labeling :

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