

**PCW**

PARFUM COSMETIC WORLD

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**CLONAL**

Manufacture PCW

Reference : CLONAL

TECHNICAL DATA

<i>I.N.C.I. :</i>	Dodecanenitrile
<i>IUPAC Name :</i>	Dodecanenitrile
<i>Chemical / REACH name :</i>	Dodecanenitrile
<i>Molecular formula :</i>	C12 H23 N
<i>Origine géographique :</i>	-
<i>Process :</i>	-
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Density at 25°C :</i>	[0.819 ; 0.827]
<i>Skin irritation :</i>	No data
<i>Eyes irritation :</i>	No data
<i>CAS number :</i>	2437-25-4
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Ref code :</i>	CLON/1

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless
<i>Odour :</i>	Citrus
<i>Density at 20/4°C :</i>	[0.820 ; 0.828]
<i>Refractive index at 20°C :</i>	[1.434 ; 1.438]
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Purity (%) :</i>	[98 ; 100]
<i>LD50 Dermal (rabbit) :</i>	No data
<i>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors

COSMETIC REGULAR DATA

CLONAL

<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>ISO 9235 :</i>	Not concerned
<i>ISO 16128 :</i>	The Natural Index is: In= 0. The Natural Origin Index is: Ino= 1.
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>% renewable carbons :</i>	100

REGULAR DATA FLAVOURS

<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks.
<i>Vegan :</i>	Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

<i>Custom tariff :</i>	2926 90 50 50
<i>Shelf life :</i>	36 months, according to storage conditions
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
KECI : 2011-3-5034
EINECS (EU) : 219-440-1
ENCS (Japan) n° : (2)-1507
IECSC (China) : Listed
ISHL (Japan) : Not listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TCSI (Taiwan) : Listed
NEPA (China) : CB0177216
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 5277
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 2437-25-4