

**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**CITRAL NATUREL**

Manufacture PCW

Reference : CITRAL NATUREL

1 - TECHNICAL DATA

Ref code :	CITNAT-2
I.N.C.I. :	Citral
Description :	Natural isolate obtained from Cymbopogon flexuosus
Origin raw material :	100% natural (Plant source)
Use of the substance / mixture :	Industrial use only
End use :	Fragrances / Cosmetic / Flavours
Use level max. recom. :	
Origine géographique :	India
IUPAC Name :	3,7-dimethylocta-2,6-dienal

1.1 - ANALYTICAL DATA

Appearance :	Liquid
Colour :	Colourless to pale yellow
Odour :	Fresh, lemon peel
Density at 20°C :	-
Refractive index @ 20°C :	[1.485 ; 1.493]
Optical rotation (°) :	-
Boiling point (°C) :	229
Flash point (°C) (close cup) :	98-101
Peroxides value mmol/kg :	-
Purity (%) :	[95 ; 100]
Relative density @ 25°C :	[0.884 ; 0.894]

2 - COSMETIC REGULAR DATA

Reg. 1223/2009 & mod. :	See certificate
Allergens SCCNFP List :	See certificate
CMR (Reg. 1223/2009/EEC) :	See certificate
IFRA :	Restricted (50th Am.)
Statut kosher :	-
Halal status :	-
ISO 9235 :	-

CITRAL NATUREL

ISO 16128 :	The Natural Index is: In= 1
CAS number :	5392-40-5
Animal testing :	-
Nanoparticle :	Not concerned

2.1 - REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) :	Natural flavouring substance
Food allergens (Reg. 1169/2011/EC) :	None
Bovine Spongiform Encephalopathy (BSE) :	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
Genetically Modified Organisms (GMO) :	Does not result / does not contain GMO
Ionization :	-
Vegan :	-

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR :	/
Shelf life :	24 months, according to storage conditions
Custom tariff :	2912 19 00 90
Precautions of use :	Avoid any direct contact with the product.

4.1 - STORAGE

Storage :	Keep under Nitrogen, in ambient temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.
-----------	--

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

CITRAL NATUREL

LEGISLATION :

FLAVIS : 05.020
NEPA (China) : CB8364074
COE (Council of Europe) : 109
JECFA n° : 1225
FEMA : 2303
FDA : 182.6
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
ISHL (Japan) : 2-515
ENCS (Japan) n° : 2-515
KECI : KE-11579
TCSI (Taiwan) : Listed
IECSC (China) : Listed
RIFM - ID N° : 116
EINECS (EU) : 226-394-6
C.A.S : 5392-40-5

Labeling :



ED12 Serious eye damage / eye irritation 2
SC12 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.