

**PCW**

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Technical Data Sheet**MALTOL NATUREL**

Manufacture PCW

Reference : MALTOL NATUREL

1 - TECHNICAL DATA

<i>Ref code :</i>	MALNAT-1
<i>I.N.C.I. :</i>	Maltol
<i>Botanical name :</i>	-
<i>Description :</i>	Obtained by fractional distillation and recrystallisation
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Molecular weight :</i>	126.11
<i>Water solubility :</i>	No
<i>Molecular formula :</i>	C6 H6 O3

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Crystalline powder
<i>Color :</i>	White to pale yellow
<i>Odour :</i>	Fruity, caramel
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Optical rotation (°) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	147
<i>Peroxides value mmol/kg :</i>	-
<i>Purity (%) :</i>	[99 ; 100]
<i>Melting point (°C) :</i>	[160.5 ; 163]

2 - COSMETIC REGULAR DATA

<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>IFRA :</i>	No restrictions (50th Am.)
<i>Statut kosher :</i>	Certified

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<i>Halal status :</i>	In compliance with the religious concepts
<i>ISO 9235 :</i>	-
<i>ISO 16128 :</i>	-
<i>CAS number :</i>	118-71-8
<i>Animal testing :</i>	This product was not tested on animals.
<i>Nanoparticle :</i>	-

2.1 - REGULAR DATA FLAVOURS

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

4 - TRANSPORT - HANDLING - STORAGE

<i>Tunnel codes ADR :</i>	/
<i>Shelf life :</i>	24 months, according to storage conditions
<i>Custom tariff :</i>	2932 99 00 33
<i>Precautions of use :</i>	-

4.1 - STORAGE

<i>Storage :</i>	Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

<i>Land Transport ADR/RID :</i>	NR Not regulated for transport
<i>Maritime Transport IMDG :</i>	NR Not regulated for transport
<i>Marine pollutant :</i>	No
<i>Air Transport IATA :</i>	NR Not regulated for transport

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LEGISLATION :

RIFM - ID N° : 551
EINECS (EU) : 204-271-8
COE (Council of Europe) : 148
FLAVIS : 07.014
FDA : 172.515
FEMA : 2656
JECFA n° : 1480
NEPA (China) : CB5768714
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
KECI : KE-20692
ENCS (Japan) n° : (5)-3642
ISHL (Japan) : (5)-3642
TCSI (Taiwan) : Listed
IECSC (China) : Listed
C.A.S : 118-71-8

Labeling :



ATO4 Acute toxicity oral 4

H302 - Harmful if swallowed.

P270 - Do not eat, drink or smoke when using this product.

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.

P330 - Rinse mouth.

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