

**PCW**

PARFUM COSMETIC WORLD

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Technical Data Sheet**MALTOL NATUREL**

Manufacture PCW

Reference : MALTOL NATUREL

TECHNICAL DATA

<i>Ref code :</i>	MALNAT-1
<i>I.N.C.I. :</i>	Maltol
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Origine géographique :</i>	USA
<i>Molecular formula :</i>	C6 H6 O3
<i>CAS number :</i>	118-71-8
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Skin irritation :</i>	No data
<i>Eyes irritation :</i>	No data
<i>Product type :</i>	Natural molecule

ANALYTICAL DATA

<i>Description :</i>	Obtained by fractional distillation and recrystallisation
<i>Appearance :</i>	Crystalline powder
<i>Colour :</i>	White to pale yellow
<i>Odour :</i>	Fruity, caramel
<i>Density at 20°C :</i>	-
<i>Refractive index at 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>Endocrine disruptors – health and environment :</i>	No contains endocrine disruptors

COSMETIC REGULAR DATA

<i>Statut kosher :</i>	In compliance with kosher requirements
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MALTOL NATUREL

<i>Halal status :</i>	Complies with halal requirements
<i>ISO 9235 :</i>	This product is a 100% natural essential oil obtained by physical processes only from a botanical source. Complies with the ISO 9235:2013 standard.
<i>ISO 16128 :</i>	The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.
<i>Animal testing :</i>	This product was not tested on animals.
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

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>Vegan :</i>	Compliant with vegan principles
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	24 months, according to storage conditions
<i>Custom tariff :</i>	2932 99 00
<i>Precautions of use :</i>	Avoid any direct contact with the product.
<i>Storage :</i>	Store at 20°C max. Avoid prolonged exposure to light and air.

LEGISLATION :

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