

**PCW**

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Technical Data Sheet**MALTOL**

Manufacture PCW

Reference : MALTOL

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	3-hydroxy-2-methyl-4-pyrone
<i>Synonyms :</i>	3-hydroxy-2-methylpyran-4-one
<i>Molecular formula :</i>	C ₆ H ₆ O ₃
<i>Molecular weight :</i>	126.11
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxdyant(s) :</i>	Any
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	Yes
<i>I.N.C.I. :</i>	Maltol
<i>IUPAC Name :</i>	Methyl hydroxypyron

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Solid
<i>Color :</i>	White
<i>Odour :</i>	Caramely, sweet, roasted
<i>Density at 20°C :</i>	-
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	[160 ; 164]
<i>Boiling point (°C) :</i>	284
<i>Flash point (°C) (close cup) :</i>	110
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99 ; 100]
<i>Impurities >0.01% :</i>	-
<i>Water (KF) % :</i>	[0 ; 0.5]

1.5 VLEP

MALTOL

VLEP short term mg/m³
(98/24/CE) : No data

VLEP (8h) mg/m³ (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : No restrictions (49th Am.)

CMR (Reg. 1223/2009/EEC) : See certificate

Statut kosher : -

Hallal status : -

CAS number : 118-71-8

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg.
1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms
(GMO) : -

Bovine Spongiform
Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2932 99 00 33

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

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 :

Air Transport IATA : NR Not regulated for transport

MALTOL

LEGISLATION :

PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
JECFA n° : 1480
FEMA : 2656
FDA : 172.5156
ENCS (Japan) n° : (5)-3642
ISHL (Japan) : 5-3642
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-20692
FLAVIS : 07.014
COE (Council of Europe) : 148
NEPA (China) : CB5768714
EINECS (EU) : 204-271-8
RIFM - ID N° : 551
C.A.S : 118-71-8