21/10/2026

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

ETHYL MALTOL

Manufacture PCW

Reference : ETHYL MALTOL

TECHNICAL DATA

IUPAC Name :	2-Ethyl-3-hydroxy-4H-pyran-4-one
I.N.C.I. :	Ethyl hydroxypyrone
Chemical / REACH name :	2-Ethyl-3-hydroxy-4H-pyran-4-one
Molecular formula :	C7 H8 O3
Origin raw material :	100% Synthetic (Petrochemical / Mineral)
Origine géographique :	China
Use of the substance / mixture :	Industrial use only
End use :	Fragrances / Cosmetics / Flavours
Other solubility :	Benzyl alcohol, 10% ; Phenethyl alcohol 5% ; Propylene glycol, 5.5% (litt.)
Process :	No data
Use level max. recom. :	-
CAS number :	4940-11-8
Ref code :	EMAL/1
Nanomaterials :	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
Ionization :	Not submitted to a processing of ionization
GMO (Reg (EC) 1829/2003 & 1830/2003 :	Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients.

ANALYTICAL DATA

Description :	Cetocyclopentenic alcohol
Appearance :	Crystalline powder
Odour :	Sweet, Caramel, longlasting
Colour :	White
Density at 20°C :	-
Refractive index at 20°C :	-
Flash point (°C) (close cup) :	100
Boiling point (°C) :	290.00 °C @ 760.00 mm Hg (litt.)
Purity (%) :	[99 ; 100]
Endocrine disruptors – health and environment :	Does not contain endocrine disruptors

Pesticides résiduels :	In compliance with the European Regulation 396/2005 and its Amendments, concerning Pesticides

ANALYTICAL DATA SPECIFIC

Heavy metal / As, Pb, Cd, Hg content :	In compliance with the regulation in force

COSMETIC REGULAR DATA

Anti-oxydant(s) :	None
Statut kosher :	In compliance with kosher requiments
Halal status :	Complies with halal requirements
Palm oil or palm oil derivatives :	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
Animal testing :	This product was not tested on animals.
ISO 9235 :	Not concerned
ISO 16128 :	0% of natural origin

REGULAR DATA FLAVOURS

Bovine Spongiform Encephalopathy (BSE) :	Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process
Foodgrade certificate :	In compliance with Regulation (EC) 1334/2008
Natural status (Reg. 1334/2008/EC) :	Flavouring substance
Food allergens (Reg. 1169/2011/EC) :	None
Vegan :	Compliant with vegan principles

TRANSPORT - HANDLING - STORAGE

Shelf life :	24 months, according to storage conditions
Custom tariff :	2932 99 00
Precautions of use :	Avoid any direct contact with the product.
Storage :	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
COE (Council of Europe) : 692c
KECI : KE-13879
EINECS (EU) : 225-582-5
ENCS (Japan) n° : 5-678
EPA N° : Listed
FDA : 172.515
FEMA : 3487
FLAVIS : 07.047
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : 1481
NEPA (China) : CB6772323
NZIoC (New Zealand) : Approved
PICCS (Philippines) : Listed
RIFM - ID N° : 543
TSCA (Toxic Substances Control Act - USA) : 4940-11-8
C.A.S : 4940-11-8