

**PCW**

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Technical Data Sheet**MONOPROPYLENE GLYCOL**

Manufacture PCW

Reference : MONOPROPYLENE GLYCOL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Propylene glycol
<i>IUPAC Name :</i>	Propane-1,2-diol
<i>Chemical / REACH name :</i>	Propane-1,2-diol
<i>Synonyms :</i>	1,2-Dihydroxypropane ; Méthyléthylène-glycol ; MPG
<i>Molecular formula :</i>	C3 H8 O2
<i>Molecular weight :</i>	76.10
<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-oxydant(s) :</i>	None
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Odorless
<i>Density at 20°C :</i>	[1.010 ; 1.050]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Melting point (°C) :</i>	-60
<i>Boiling point (°C) :</i>	188-189
<i>Flash point (°C) (close cup) :</i>	98.9
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.7 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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MONOPROPYLENE GLYCOL

VLEP (8h) mg/m³ (98/24/CE) : 10 mg/m³

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 : Certified
Hallal status : Certified
CAS number : 57-55-6

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Not listed
Foodgrade certificate : Certified
Genetically Modified Organisms (GMO) : -
Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2905 32 00 00
Tunnel codes ADR : -
Shelf life : 12 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

MONOPROPYLENE GLYCOL

LEGISLATION :

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
IECSC (China) : Listed
NEPA (China) : CB8485612
COE (Council of Europe) : Not listed
FLAVIS : Not listed
JECFA n° : Not listed
ISHL (Japan) : 2-(8)-323
FEMA : 2940
FDA : 175.300
ENCS (Japan) n° : (2)-234
EINECS (EU) : 200-338-0
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-29267
C.A.S : 57-55-6

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC