

**PCW**

45 Boulevard Marcel PAGNOL
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**DOWANOL TPNB**

Manufacture PCW

Reference : DOWANOL TPNB

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	PPG-2 Methyl ether
<i>IUPAC Name :</i>	Dipropylene glycol monomethyl ether
<i>Chemical / REACH name :</i>	1-(2-Methoxypropoxy)propan-2-ol; (2-Methoxymethylethoxy)propanol
<i>Synonyms :</i>	DOWANOL™ TPNB; Tripropylene glycol monobutyl ether ; 1-[(2-Butoxy-1-methylethoxy)-1-methylethoxy]-2-propanol ; (2-(2-Butoxymethylethoxy)methylethoxy) propanol
<i>Molecular formula :</i>	C13 H28 O4
<i>Molecular weight :</i>	248.36
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Anti-oxydant(s) :</i>	None
<i>Solubility in alcohol (°) :</i>	-
<i>Water solubility :</i>	No
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Mild, Ether
<i>Relative density @ 25°C :</i>	[0.920 ; 0.940]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Point de congélation (°C) :</i>	-82,8 (lit.)
<i>Boiling point (°C) :</i>	275 @ 760 mmHg
<i>Flash point (°C) (close cup) :</i>	125.6
<i>Purity (%) :</i>	[95.0 ; 100]
<i>Melting point (°C) :</i>	<-75
<i>Ignition temperature :</i>	-
<i>Impurities >0.01% :</i>	-

DOWANOL TPNB

1.5 VLEP

VLEP (8h) mg/m ³ (98/24/CE) :	308
VLEP (8h) ppm (98/24/CE) :	50
VLEP short term mg/m ³ (98/24/CE) :	-
VLEP court terme ppm (98/24/CE) :	-

2 - COSMETIC REGULAR DATA

Statut kosher :	-
Hallal status :	-
CAS number :	55934-93-5
Allergens SCCNFP List :	See certificate
IFRA :	No restrictions (49th Am.)
VOC Swiss - Annex 1 :	Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :	100%
Reg. 1223/2009 & mod. :	See certificate
CMR (Reg. 1223/2009/EEC) :	See certificate

2.1 - REGULAR DATA FLAVOURS

Ionization :	-
REG. 872/2012 CE Annex 1 :	Not listed
Genetically Modified Organisms (GMO) :	-
Bovine Spongiform Encephalopathy (BSE) :	-

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :	-
Tunnel codes ADR :	-
Custom tariff :	2909 43 00 00
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

DOWANOL TPNB

LEGISLATION :

RIFM - ID N° : /
EINECS (EU) : 259-910-3
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) : CB6323783
COE (Council of Europe) : Not listed
FLAVIS : Not listed
JECFA n° : Not listed
FEMA : Not listed
FDA : Not listed
ISHL (Japan) : Not listed
ENCS (Japan) n° : Not listed
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : 97-3-252
C.A.S : 55934-93-5

Labeling :

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