DARWIN

Dowanol PM

1-Methoxy-2-propanol

Catalog Nr.	Q165
Definition	Synonyms: Propyleneglycol Monomethylether
CAS Number	107-98-2
Application	Solvent for celluloses, acrylics, dyes, inks, stains; solvent-sealing of cellophane.

is used primarily in the chemical, agricultural, automotive, paint, lacquer, and varnish industries. Its predominant use is as a solvent in various manufacturing processes, but it is also used
as an intermediate in the production of propylene glycol monomethyl ether acetate. In the U.S.,
approximately 30%, 23%, 6%, 7%, and 34% of the PGME produced is used for surface coatings,
cleaners, inks, adhesives/electronics, and propylene glycol methyl ether acetate (PMA) production,
respectively (Appendix A).

Technical Data

Physical State:	Liquid
Appearance:	clear, colorless
Odor:	sweetish odor - ethereal odor
Vapor Pressure:	10.9 mm Hg @ 25
Vapor Density:	3.11
Evaporation Rate:	0.71 (butyl acetate)
Viscosity:	1.81 mpas @ 20C
Boiling Point:	118.0 - 119.0 deg C @ 760.00m
Freezing/Melting Point:	-97 deg C
Solubility:	soluble
Specific Gravity/Density:.	9220g/cm3
Molecular Formula:	$C_4H_{10}O_2$
Molecular Weight:	90.12
Flash Point:	33 deg C (91.40 deg F)

Packaging & Handling

420 lb drums

UN Number 1993   Class 3.0   Packaging Group III

Remarks