

DPM Wash Solvent

Identifiers

Product name	DPM Wash Solvent
Chemical name of the substance:	Dipropylene glycol monomethyl ether
CAS:	34590-94-8
EC-No.:	252-104-2
REACH Registration Number:	01-2119450011-60-0000
Chemical Sum Formula	$C_7H_{16}O_3$
Chemical Formula	CH3O[CH2CH(CH3)O]2H

Typical Physical Properties

This data provided for those properties are typical values, and should not be construed as sales specifications.

Property	Method	Value Unit
Molecular Weight (g/mol)	-	148,2 g/mol
Boiling Point @ 760 mmHg, 1.01 ar	-	190 °C
Flash Point (Setaflash Closed Cup)	IP 170	75 °C
Freezing Point	-	-83 °C
Vapor pressure @ 20°C — extrapolated	Calculated	0,28 mmHg
Specific gravity (25/25°C)	ASTM D4052	0,951 g/cm3
Liquid Density @ 20°C	ASTM D4052	0,953 g/cm3
@ 25°C	ASTM D4052	0,948 g/cm3
Vapor Density (air = 1)	-	5,11
Viscosity @ 25°C	-	3,7 cP or mPa·s
Surface tension @ 20°C	-	68,7 @ 1000 mg/L dynes/cm or mN/m
Specific heat @ 25°C	-	225 J/g/°C
Heat of vaporization at normal boiling point	-	267 J/g
Net heat of combustion — predicted @ 25°C	-	27,2 kJ/g
Autoignition temperature	ASTM E659	207 °C
Evaporation rate (n-butyl acetate = 1.0)	-	0,035
Solubility, g/100 or % @ 25°C	-	Solvent in water 100%
Hansen solubility parameters	-	(J/cm ³) ^{1/2}
_d (Dispersion)	-	15,5
_p (Polar)	-	4,0
_h (Hydrogen bonding)	-	11,5
Partition Coefficient, n-octanol/water	-	1,01 log Pow
Flammable limits	-	
Lower	-	1,1 vol.% in air
Upper	-	14 vol.% in air

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Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet on 3d-basics.com/downloads

Storage Handling

Provided proper storage and handling precautions are taken we would expect RESIN CLEANER to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet on 3d-basics.com/downloads.

Disclaimer

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