

RESIN CLEANER

Version: 1.1

Printdate: 17.08.2020

IDENTIFIERS

Product name	RESIN CLEANER
Chemical name of the substance:	Dipropylene glycol monomethyl ether
CASRN:	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	Unit	Method	Value
Molecular Weight (g/mol)	g/mol	-	148.2
Boiling Point @ 760 mmHg, 1.01 ar	°C	-	190
Flash Point (Setaflash Closed Cup)	°C	IP 170	75
Freezing Point	°C	-	-83
Vapor pressure@ 20°C — extrapolated	mmHg	Calculated	0.28
Specific gravity (25/25°C)	g/cm3	ASTM D4052	0.951
Liquid Density @ 20°C	g/cm3	ASTM D4052	0.953
@ 25°C	g/cm3	ASTM D4052	0.948
Vapor Density (air = 1)		-	5.11
Viscosity @25°C	cP or mPa*s	-	3.7
Surface tension @ 20°C	dynes/cm or mN/m	-	68.7 @ 1000 mg/L
Specific heat @ 25°C	J/g°C	-	2.25
Heat of vaporization at normal boiling point	J/g	-	267
Net heat of combustion — predicted @ 25°C	kJ/g	-	27.2
Autoignition temperature	°C	ASTM E659	207
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-octonol/water	log Pow	-	1.01
Flammable limits		-	
Lower	vol.% in air	-	1.1
Upper	vol.% in air	-	14

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HAZARD INFORMATION

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

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 resources.3d-basics.com.

DISCLAIMER

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