

## PGDA WASH SOLVENT

### Identifiers

Product name	PGDA WASH SOLVENT
Chemical name of the substance:	Propane-1,2-diyl diacetate
CAS:	623-84-7
EC-No.:	210-817-6
REACH Registration Number:	01-2119892736-20-xxxx
Chemical Sum Formula	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>
Chemical Formula	CH <sub>3</sub> -CO-O-CH <sub>2</sub> -CH(CH <sub>3</sub> )-O-CO-CH <sub>3</sub>

### 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)	-	160,2 g/mol
Boiling Point @ 1013 mbar	-	190 °C
Flash Point (Setaflash Closed Cup)	IP 170	95 °C
Freezing Point	-	< -75 °C
Vapor pressure @ 20°C — extrapolated	Calculated	< 2,5 mmHg
Specific gravity (25/25°C)	ASTM D4052	1,06 g/cm <sup>3</sup>
Liquid Density @ 20°C	ASTM D4052	1,056 g/cm <sup>3</sup>
@ 25°C	ASTM D4052	1,05 g/cm <sup>3</sup>
Viscosity @ 25°C	-	2,47 cP or mPa·s
Surface tension @ 20°C	-	32,9 dynes/cm or mN/m
Specific heat @ 25°C	-	3,22 J/g/°C
Autoignition temperature	ASTM E659	431 °C
Evaporation rate (n-butyl acetate = 1.0)	-	0,04
Solubility in water, g/100g @ 25°C	-	8 g
Hansen solubility parameters	-	(J/cm <sup>3</sup> ) <sup>1/2</sup>
_d (Dispersion)	-	15,8
_p (Polar)	-	3,5
_h (Hydrogen bonding)	-	8,8
Explosion limits	-	
Lower	-	2,8 vol.% in air
Upper	-	12,7 vol.% in air

### Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet on [3d-basics.com/downloads](https://www.3d-basics.com/downloads)

## PGDA WASH SOLVENT

### Storage Handling

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Provided proper storage and handling precautions are taken we would expect PGDA WASH SOLVENT 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](https://3d-basics.com/downloads).

### Disclaimer

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