

## Butyl Diglycol Acetate

Technical DataSheet | Supplied by BASF

Diethylene glycol n-butyl ether acetate [2-(2-butoxyethoxy)ethyl acetate]. Acts as a solvent, leveling agent and coalescent. Exhibits compatibility with numerous resins, dyes, waxes, fats and oils. Improves the flow out of many finishes, even in low concentrations. Hydrolyzes slowly in the presence of water but more rapidly in alkaline and acid media. May react with atmospheric oxygen to form peroxides. Exhibits free miscibility with most common organic solvents but limited miscibility with water. Lowers the initial viscosity of PVC plastisols to facilitate processing. Used for paints and lacquers (including emulsion paints and textured finishes) and printing inks (screen printing inks), dyes in wood stains and furniture polishes.

<b>Product Type</b>	Solvents > Esters > Butyl Acetates Flow / Levelling Agents Film Forming / Coalescing Agents
<b>Chemical Composition</b>	Diethylene glycol n-butyl ether acetate [2-(2-butoxyethoxy)ethyl acetate]
<b>CAS Number</b>	124-17-4
<b>Physical Form</b>	Liquid
<b>Appearance</b>	Clear
<b>Product Status</b>	COMMERCIAL
<b>Applications/ Recommended for</b>	Coatings Inks Inks > Screen inks Coatings Markets > Wood & Furniture Coatings > Furniture/ interior decoration Coatings Markets > Wood & Furniture Coatings > Stains
<b>Bio Based</b>	No

## Butyl Diglycol Acetate Properties

Property	Value & Unit	Test Condition	Test Method
Molar Mass	204.27 g/mol		
Color, Platinum-cobalt	< 20		DIN EN 6271
Density	0.976 - 0.979 g/cm <sup>3</sup>	At 20°C	DIN 51757
Refractive Index	1.425 - 1.427		
Solidification Point	-32 °C		
Boiling Point	238 - 248 °C	At 1013 hPa. 95% Volume. 2-97 ml	DIN 53171
Heat Of Combustion	27140 kJ/kg	At 25°C	
Surface Tension	30.5 mN/m	At 20°C	
Evaporation Rate (ether=1)	> 4000		DIN 53170
Vapor Pressure	0.008 hPa	At 20°C	