

# BUTYL CELLOSOLVE ACETATE

Cas Number: 112-07-2

Other Names: 2-Butoxyethyl acetate, Butoxyethyl acetate,  
Butyl glycol acetate, 2-Butoxyethanol acetate.

Formula:  $C_8H_{16}O_3$

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## PRODUCT INTRODUCTION

Butyl Cellosolve Acetate has the chemical formula  $C_8H_{16}O_3$ , and is a clear, colourless to pale yellow liquid. It has a mild and pleasant ester odour and is only sparingly soluble in water but is miscible with many common organic solvents, for example, alcohols, ketones, aldehydes, ethers, glycols, and glycol ethers. It is this solvent power, combined with its' low volatility, that sees Butyl Glycol Acetate employed in many branches of industry.

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## PHYSICAL AND CHEMICAL PROPERTIES

Butyl Cellosolve Solvent	99.8 wt. %
Acidity	0.001 wt. %
Water	0.03 wt. %
Color (Pt-Co)	10
Appearance	Pass

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## APPLICATIONS

- The main use for Butyl Acetate is in the coatings industry where it improves the gloss and flow of coatings that are baked at temperatures of 150-200 oC.
- It also improves the brushability and flow of cellulose nitrate and cellulose ether lacquers, and of paints formulated from chlorinated binders.
- Butyl Cellosolve Acetate is also a good solvent for urethane finishes and is a film coalescing aid for polyvinyl latex acetate.
- Butyl Cellosolve Acetate also has applications in the printing industry where it is a component of flexographic, gravure, and screen-printing inks. This is because of the slow evaporation rate of Butyl Cellosolve Acetate which makes it ideal for use in these specialty printing inks.
- It is also found in in ball pen pastes, and in dyes that are employed in furniture polishes and wood stains, and in dyes used to print and colour textiles.

- Butyl Cellosolve Acetate is also employed in the cleaning industry where it is a component in some ink and spot removal formulations.

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## **PACKAGING OPTIONS** Drums

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