

# PRODUCT DATA SHEET

## BUTYL ACETATE

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### CHEMICAL DESCRIPTION:

Name : Butyl Acetate  
CAS number : 123-86-4  
Formula : C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>

Butyl Acetate is a colorless solvent with moderately volatile, colourless solvent with excellent solvency for cellulose nitrate, polymers, resins and oils and fruity ester odor. Its linear structure contributes to effective viscosity reduction and to improved solvent diffusion from coating films. Its odor characteristics are significantly more favorable than other solvents of similar volatility, and its high electrical resistivity is an advantage in formulating high-solids coatings for electrostatic spray applications.

### APPLICATIONS:

- Paints and coatings
- Printing inks
- Aerosol sprays
- Personal-care products
- Fragrances and cosmetics
- as an extraction and processing solvent in the chemical and pharmaceutical industries

Physical Property*	Units	Typical Value
Molecular Weight	g/mol	116.2
Relative Evaporation Rate, nBuAc=1	-	1
Vapor Pressure @ 20°C	mmHg	8
Density @ 20°C	lb/gal	7.35
Specific Gravity @ 20/20°C	-	0.8826
Viscosity @ 20°C	cP	0.7
Boiling Point @ 760 mmHg	°C	126.2
Closed Cup Flash Point	°C	84
Solubility @ 20°C	wt% in water	0.7
Solubility @ 20°C	wt% water in	1.9

\*These properties are typical but do not constitute specifications.

### FOR MORE INFORMATION

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