

PRODUCT DATA SHEET

BUTYL ACETATE

Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Butyl Acetate
CAS number : 123-86-4
Formula : C₆H₁₂O₂

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

TYPICAL PROPERTIES:

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 @760mm Hg, oC	126.2
Closed Cup Flash Point °F	84
Solubility @20°C, wt% in water	0.7
Solubility @ 20°C, wt% water in	1.9