

n-Butyl Acetate Acetic Acid, n-Butyl Ester

Butyl Ethanoate

C₄H₉OC(O)CH₃

Description

Butyl acetate is a colorless solvent with medium volatility and a characteristic fruity ester odor. It has excellent solvency characteristics for polymers, resins, oils and cellulose nitrate and is miscible with all common organic solvents.

Physical properties

Molecular Weight	116.16
Relative Evaporation Rate nBuAc=1	1
Vapor Pressure at 20°C, mmHg	8
Density at 20°C lb/gal	7.35
Specific Gravity at 20/20°C	0.8826
Viscosity at 20°C cP	0.7
Surface Tension	
(dynes/cm at 20°C)	25.3
(dynes/cm at 25°C)	-
Hansen Solubility Parameters, [cal/cm ³] ^{1/2}	
Total	8.5
Non-Polar	7.7
Polar	1.8
Hydrogen Bonding	3.1
Boiling Point, °C at 760mm Hg	126.2
Solubility at 20°C	
%Wt In Water	0.7
%Wt Water in	1.9
Closed Cup Flash Point °F	84
SARA 313 (see note 1+)	N
Hazardous Air Pollutant (see note 2††)	N

Note 1: Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

Classification/Registry Numbers

CAS Number	123-86-4
EINECS	204-658-1

(Please see second page)

^{††} Note 2: Hazardous Air Pollutants listed under Title III of the Clean Air Act

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Features

- Blush resistant
- Medium evaporating
- · Limited miscibility in water
- Non-HAP (Hazardous Air Pollutant) Solvent
- Outstanding leveling and gloss characteristics
- Excellent solvent power for resins, polymers, oils and cellulose nitrate
- Miscible with all common organic solvents (alcohols, ketones, aldehydes, glycols, ethers, glycol ethers and aromatic and aliphatic hydrocarbons)

Applications

- Coatings
- · Coatings for plastic
- Nail care
- Cosmetic / personal care solvent
- Fragrance solvent

Extraction solvent

Low intrinsic viscosity

Good flow properties

- Leather industry
- Pharmaceuticals
- Cleaners

How supplied

Region	Packaging	Transport Mode
Europe/Africa	Bulk or Drum	Isotank/Marine Vessel/Tank Truck/Package Truck
Latin America	Bulk	Isotank, Marine Vessel Tank Truck & Railcar (Mexico Only)
North America	Bulk	Tank Truck/Railcar/Marine Vessel
Pacific	Bulk or Drum	Marine Vessel/Tank Truck/ Package Truck

Note: Consult the appropriate Material Safety Data Sheet for safety and handling guidelines for this product.

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