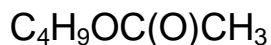




n-Butyl Acetate

Acetic Acid, n-Butyl Ester
Butyl Ethanoate



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

†† **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

Classification/Registry Numbers

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

(Please see second page)

n-Butyl Acetate

Acetic Acid, n-Butyl Ester

Butyl Ethanoate

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)
- Low intrinsic viscosity
- Good flow properties

Applications

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

Special handling

Risk phrase R10 (Flammable)
R66 (Repeat exposure may cause skin dryness & cracking)
R67 (Vapors may cause dizziness and drowsiness)

Safety phrase S2 (Keep out of reach of children)
S25 (Avoid contact with eyes)

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

The Dow Chemical Company
Danbury, Connecticut 06817 U.S.A.

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