

70330 n-Butyl Acetate

Formula: $\text{CH}_3\text{CO}_2(\text{CH}_2)_3\text{CH}_3$
Synonyms: Acetic acid butyl ester, butyl acetate
CAS No.: 123-86-4
EINECS No: 204-658-1

Appearance: Colorless liquid with characteristic fruity odor.

Health Hazards

Vapors have a numbing effect and are irritating to eyes and respiratory system. Contact with the liquid may cause irritation of the skin and mucous membranes.

Remarks

Mixes incompletely with water. Unlike acetic ester, butyl acetate is stable, i.e. it does not decompose to form acetic acid.

Properties

Volatile, flammable liquid with flammable vapors. Ignition by hot surfaces, sparks or open flames.

Properties	Values	Method
Acid value	max. 0.05 mg KOH/g	DIN EN ISO 2114
Evaporation residue	max. 5 mg/ 100 ml	DIN 53 172
Evaporation value (Ether = 1)	12	DIN 53 170

Specification

Properties	Values	Method
Density (20°C)	0.878 – 0.882 g/cm ³	DIN 51 757
Refractioin index (20°C)	1.393 – 1.396	DIN 53 423
Water content	max. 0.03 %	DIN 51 777
Boiling range (1013 hPa)	124 – 128°C	ASTM D1078
Flash point	25 – 28°C	DIN 51 755
Purity	min. 99.0 %	GC