



Kimya Resin Arak Chemical Industrial Company
Issued Sales Specification

Name of Product
Normal Butyl Acetate

Specification of Normal Butyl Acetate (Grade III)

Revision Date
13-Dec-2022

CAS #: 123-86-4 Molecular Formula: $CH_3COO(CH_2)_3CH_3$ Molecular Weight: 116.16 gr/mol

PROPERTIES	UNIT	METHOD	RESULT
Purity	Wt%	ASTM D3545	98
Water content	Wt%	ASTM E203	Max 0.1
Density at 20°C	g/cm^3	ASTM D1298	0.880-0.883
Distillation Range	°C	ASTM D86	120-128
Acidity as Acetic Acid	Wt%	INSO 1784	0.01
Appearance	—	Visual Inspection	Clear & Bright

APPLICATION:

Normal butyl acetate (also known as n-butyl acetate, butyl acetate, butyl ethanoate) is a clear, colorless ester, flammable liquid at room temperature. Normal butyl acetate's most common industrial use is in the production of lacquers and paints (due to its low volatility) as a solvent. Additionally, it has used in the manufacturing of artificial leather, plastics adhesives and hardened coatings and topcoats. It is commonly used in the pharmaceutical industry as a solvent or an extraction agent for processing oils and coatings. Other industry uses include lubricants, intermediaries, fruit flavoring and various additives.

Safety, Handling and Storage:

Full information of the Safety, Handling and Storage of n-Butyl acetate is available on its MSDS.

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