



**Kimya Resin Arak Chemical Industrial Company**  
**Issued Sales Specification**

**Name of Product**  
Normal Butyl Acetate

**Specification of Normal Butyl Acetate (Grade II)**

**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	90-92
Water content	Wt%	ASTM E203	Max 0.2
Density at 20°C	$g/cm^3$	ASTM D1298	0.874-0.876
Distillation Range	°C	ASTM D86	118-128
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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