



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Isobutanol (2-Methyl-1-Propanol)

Product: Isobutanol (2-Methyl-1-Propanol)

Molecular Formula: C₄H₁₀O

Molecular Weight: 74.12 g/mol

Cas No.: 78-83-1

Density: 0.802 g/cm³

UN No. UN 1212, **Class** 3, **PG** III

HS Code: 29051400

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity (C ₄ H ₁₀ O)	≥99.5%	≥99.0%	99.6%
Water content	≤0.1%	≤0.2%	0.08%
Acidity (as CH ₃ COOH)	≤0.005%	≤0.01%	0.003%
Residue on evaporation	≤0.002%	≤0.005%	0.001%
Density (20 °C, g/cm ³)	0.800-0.804	0.800-0.804	0.802
Color (Pt-Co)	≤10	≤15	5

Chemical Properties

Chemical Properties: Colorless liquid with sweet musty odor. Density: 0.802 g/cm³.