

Technical Data Sheet (TDS)



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Page: 1 of 1

Technical Data Sheet

Product Name N-Methyl-Pyrrolidone (NMP)

CAS NO. 872-50-4

Formula C₅H₉NO

Grade Electronic

Specification

Appearance	Colorless Clarity Liquid	Purity (%)	≥99.85
Color (Hazen)	≤20	Water Content (%)	≤0.2
PH Value (@20°C, 100g/L)	7.0-10.0	Density (at 20°C) (g/cm³)	1.028-1.037
Water Soluble Experiment	Pass		

Properties

Odor Liquid With Little Ammonia Odor
Solubility Mix With Almost All Solvents, High Solubility

Packing

N.W.: 1000KG IBC, 200KG PE Drum, 200KG Iron Drum, ISO TANK
IBC 20MT/20'FCL (without pallet)

Application

NMP is polar aprotic solvent with the properties of low toxicity, high boiling point, powerful solvency, good selectivity and stability. This product is widely applied to aromatic hydrocarbons extracting, acetylene and diolefine purification. It can be used as polymer solvents and polymerization process medium, etc., which are called engineering plastics. Besides, it can also be used as aromatic fibre, insulate pesticide, pigment and detergent, etc.

Storage and Transportation

Keep in shady, cool and ventilation warehouse. Far away from fire and heat source. Separate from oxidizer.
Be caution of loading and unloading. Prevent package form damage. Avoid leakage.