

# Technical Data Sheet (TDS)



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## Technical Data Sheet

**Product Name** N-Methyl-Pyrrolidone (NMP)

**CAS NO.** 872-50-4

**Formula** C<sub>5</sub>H<sub>9</sub>NO

**Grade** Electronic

## Specification

<b>Appearance</b>	Colorless Clarity Liquid	<b>Purity (%)</b>	≥99.85
<b>Color (Hazen)</b>	≤20	<b>Water Content (%)</b>	≤0.2
<b>PH Value (@20°C, 100g/L)</b>	7.0-10.0	<b>Density (at 20°C) (g/cm<sup>3</sup>)</b>	1.028-1.037
<b>Water Soluble Experiment</b>	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.