

Technical Data Sheet

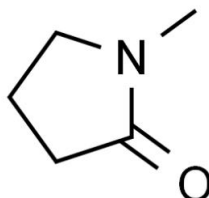
N-Methyl pyrrolidone(NMP)

Chemical Name: N-Methyl pyrrolidone; N-Methyl-2-Pyrrolidinone; NMP

CAS No.: 872-50-4

Molecular Formula: C₅H₉NO

Structural Formula:



Molecular Weight: 99.134

Characteristics: Colorless or pale yellow liquid, this product is an important chemical raw material, a popular solvent with good selectivity and stability properties, low toxicity, high boiling point, high solvency, non-inflammable, has many advantages, such as biodegradation, reutilization, safety in use and suitable for many kinds of prescription, etc. Widely used in lithium ion batteries, polymer materials, petrochemical, pesticide, medicine, paint, ink, electronic materials and other fields.

Product Specifications:

Items	Reagent Grade	Electric Grade	Common Grade	Industrial Grade
Purity wt% GC	≥99.9	≥99.85	≥99.8	≥99.5
Color Hazen	≤10	≤10	≤20	≤30
Density g/ml	1.027-1.033			
Moisture wt%	≤0.01	≤0.02	≤0.05	≤0.10
Refractive index	1.466-1.472	1.466-1.472	1.466-1.472	1.466-1.472
Aminne (ppm)	≤20	≤30	≤50	≤100

Package: Galvanized iron of net weight 200kg, IBC drums of 1000kg.

Storage: Stored in cool and dry place with closed container, keep away from fire source.

Safety and transport:

It is classified as a un-dangerous goods according transport legislation, It has no any hurt to use in right way.

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to using into production.

Notice: The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. It is the user's responsibility to test the material and its suitability for a process. We have no control over what another party does with the material and we cannot take any responsibility for another party's action. Nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer and technical service center with questions on our products.