

# 1Methyl 2Pyrrolidinone

**Stock No.**  
NS6130-12-000407

- ✓ N-Methyl-2-pyrrolidone (NMP) is a colorless liquid and water-miscible organic solvent.
- ✓ It is a hygroscopic liquid with a mild amine odour.
- ✓ It is utilized in the petrochemical industry, in the microelectronics fabrication industry, and in the manufacture of various compounds, involving pigments, insecticides, cosmetics, drugs, herbicides, and fungicides.
- ✓ The utilization of NMP is expanding as a substitute for chlorinated hydrocarbons.
- ✓ NMP is mainly utilized as a solvent for extraction in the petrochemical industry, as a reactive medium in polymeric and non-polymeric chemical reactions.
- ✓ It is also employed as a remover of graffiti, as a paint stripper in the occupational setting, and for stripping.
- ✓ It has also cleaning applications in the microelectronics fabrication industry.
- ✓ It is also used as a formulating agent in pigments, dyes, and inks and in insecticides, herbicides, and fungicides.
- ✓ NMP is further utilized as an intermediate in the pharmaceutical industry, as a penetration enhancer for topically applied drugs, and as a vehicle in the cosmetics industry.
- ✓ It is a powerful solvent and utilised for most commercial resins. Because of its high boiling point and excellent solvent power, NMP extends and improves the properties of high temperature bake coatings. For instance, high solid binders are more easily acquired with NMP as the solvent.
- ✓ Coatings of this chemical shows outstanding mechanical and dielectric properties.



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

**Thickness**  
0.5mm

**Purity**  
99.9%

## TECHNICAL Specifications

- ✓ Molecular Formula : C<sub>5</sub>H<sub>9</sub>NO
- ✓ Molecular Weight : 99.13g/mol
- ✓ Density : 1.028 g/mL at 25 °C(lit.)
- ✓ Boiling Point : 202 °C(lit.)
- ✓ pH : 7.7-8
- ✓ Vapor density : 3.4(vs air)
- ✓ Vapor pressure : 0.29 mmHg ( 20 °C)
- ✓ Auto ignition temp : 518 °F
- ✓ Refractive Index : n<sub>20</sub>/D 1.47(lit.)
- ✓ Surface Tension : 40.7 dynes/cm
- ✓ Storage temp. : 2-8°C
- ✓ Solubility : Miscible ethanol, H<sub>2</sub>O, acetone, benzene, chloroform

**PACKING SIZES** :25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



ISO 9001:2015  
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