



## N-Methyl Pyrrolidone (NMP)

### CAS NO.

CAS NO. 872-50-4

### NATURE

NATURE It is a clear colourless liquid ( Turns yellow on exposure to heat.)

### PHYSICAL PROPERTIES

Melting Point	-24 °C
Empirical Formula	C <sub>5</sub> H <sub>9</sub> NO
Molecular Wt.	99.13
Specific Gravity	1.028 @ 25 °C
Refractive Index	1.47
Boiling Point	202 °C @ 760 mm Hg
Colour (APHA) Max	50
Solubility in Water	Miscible

Flash Point	93 °C
Flammability Limits	L.E.L : 1.3 vol % U.E.L. : 9.5 vol %
Stability	Stable under ordinary conditions
pH	7.5 - 8.0
Autoignition Temperature	270 °C

### **SPECIFICATIONS (Standard Grade)**

Purity(min) wt % by GC	99.50
Water Content (MAX.) % by KF	0.30
Other Impurities (max) % by GC	0.25
Color Apha(max)	30

### **SPECIFICATIONS (Ultra Pure Grade)**

Color Apha(max)	20
Purity(min) wt % by GC	99.85 min
Water Content (MAX.) % by KF	0.05 max
Other Impurities (max) % by GC	0.10 max

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