



1-METHYL-2-PYRROLIDONE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	753020	
SYNONYMS	N-methyl pyrrolidone,	
C.I. NO.	N/A	
CASR NO.	872-50-4	
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₉ NO	
ATOMIC OR MOLECULAR WEIGHT	99.13	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Almost colourless to pale yellow liquid.	
Solubility	Miscible with water.	
Minimum assay(By GC)	99.5%	
Wt.per ml at 20°C	1.028 - 1.033 g	
Refractive Index (n) ₂₀ D	1.468 - 1.472	
MAXIMUM LIMIT OF IMPURITIES		
Water	0.05%	
Non volatile matter	0.001%	
Maximum Absorbance in a 1.0 cm cell at :		
285 nm	1.00	
300 nm	0.50	
325 nm	0.10	
350-400 nm	0.01	
Note(s) : Assay (if applicable) method mentioned.		
DANGER HAZARD STATEMENTS : Combustible Liquid. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May damage the unborn child. PRECAUTIONARY STATEMENTS: Prevention : Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Wash thoroughly after handling. Obtain special instructions before use. Use explosion-proof electrical/ventilating/lighting/equipment Keep away from flames and hot surfaces. Use personal protective equipment as required. Response : If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove/Take off immediately all contaminated clothing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.		IMDG Code : UN No. : IATA :
Disposal : If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) : <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> GHS07 GHS08 </div>		

Replace date 29-Jan-2026