

N-METHYL-2-PYRROLIDONE

PRODUCT CODE	029251
SYNonyms	N-methyl pyrrolidone, 1-Methyl-2-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)	99.0%
Wt. per ml at 20°C	1.028 - 1.033 g
Refractive Index (n) 20 D	1.468 - 1.472
MAXIMUM LIMIT OF IMPURITY	
Water (H ₂ O)	0.05%
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. 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 scubber.	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :	 

Replace Date 29-Jan-2026