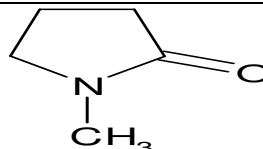




Product Specification

E Control	QC2\DATAD\D:\PS\25342XPS.xls
PRODUCT CODE	25342
PRODUCT NAME	N-METHYL-2-PYRROLIDONE FOR HPLC & SPECTROSCOPY
SYNONYMS	N/A
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	Hygroscopic & Photosensitive



PARAMETER	LIMIT
Description	Clear colourless liquid, not more than 10 Hazen unit in colour
Solubility	Miscible with water forming clear and colourless solution.
Minimum assay (By GC)	99.5 %
Wt.per ml at 20 °C	1.028-1.033 g
Refractive index (n) _D ²⁰	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. Disposal : Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amounts of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.	IMDG Code : --- UN No. : --- IATA : ---
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Hazard pictogram(s) :



Skin irritation Aspiration hazard

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 31/03/2009
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 28/08/2010
Date : 26/08/2010	Date : 26/08/2010	Date : 28/08/2010	AMEND NO. : P062