



IMIDAZOLE (GLYOXALINE)

PRODUCT CODE	R01819	
SYNONYMS	1,3-Diaza-2,4-cyclopentadiene; Glyoxaline	
C.I. NO.	--	
CASR NO.	(288-32-4)	
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₄ N ₂	
ATOMIC OR MOLECULAR WEIGHT	68.08	
PROPERTIES	Freely soluble in water, alcohol, ether, chloroform, pyridine; slightly soluble in benzene.	
PARAMETER	LIMIT	
Description	White to pale yellow flakes / crystalline powder.	
Solubility	1 M solution in water is complete and clear.	
Minimum Assay (by acidimetric)	99.0%	
pH of (1M soln in water, at 25°C)	9.5 - 11.0	
Melting Point	88° - 91°C	
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition	0.1%	
Water (by KF)	0.5%	
Note(s): Assay (if applicable) method mentioned.		
WARNING Hazard statements : May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals Precautionary statements Prevention: Keep only in original container. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Absorb spillage to prevent material damage. Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.		IMDG Code : 8/III UN No. 3263 IATA 8
Hazard Pictogram(s) :		

Replace Date 1 April 2023