

Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media www.cdhfinechemical.com

Product Specification GUANIDINE HYDROCHLORIDE FOR MOLECULAR BIOLOGY PRODUCT CODE 941100 SYNONYMS CI. NO. CASR NO. 50-01-1 ATOMIC OR MOLECULAR FORMULA CH ₅ N ₃ .HCl ATOMIC OR MOLECULAR VEIGHT 95.53 PROPERTIES CHf ₅ N ₃ .HCl PARAMETER LIMIT Description A white crystalline powder. Solubility 10% solution in water is clear & colourless. Minimum assay (by Ag NO ₃) 99.0% MAXIMUM LIMIT OF IMPURITIES 199.0% Lead 0.0005% DNAse, exonuclease detection None detected RNAse detection None detected Water (by karl fischer)) 0.3% A260 UV Absorption 6 M solution 0.10 UV Absorbance 290 nm 0.05 VV Absorbance 290 nm 0.05 Note(s) : Assay (if applicable) method mentioned. WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly	
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Precautionary statements	IMDG Code :
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Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. U	IATA :
outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/fac Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.	
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Co	
rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get me	
advice/attention.	
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with la of water. The quantities greater than 10g should be dissolved in water and transferred to heavy met	
for collection by specialist disposal company.	
Hazard Pictogram(s) :	
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Skin irritation	