



GUANIDINE HYDROCHLORIDE

PRODUCT CODE	R05754	
SYNONYMS	(Guanidinium chloride)	
C.I. NO.	--	
CASR NO.	[50-01-1]	
ATOMIC OR MOLECULAR FORMULA	CH ₅ N ₃ ·HCl	
ATOMIC OR MOLECULAR WEIGHT	95.53	
PROPERTIES	Evolves hydrogen chloride fumes on heating.	
PARAMETER	LIMIT	
Description	Colourless crystalline powder.	
Solubility	10% solution in water is clear, complete and colourless.	
Minimum Assay (Argentometric)	98.0%	
Melting point	175 – 186°C	
MAXIMUM LIMIT OF IMPURITIES		
Sulphated ash (at 800°C)	0.1%	
Water (By KF)	1.0%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	Hazard statements: Harmful if swallowed Causes skin irritation. Causes serious eye irritation. PRECAUTIONARY STATEMENTS: Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Response: IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing Wash/Decontaminate removed clothing before reuse. Storage Store locked up.	IMDG Code :-- UN No. :-- IATA :--
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :		
<div style="display: flex; justify-content: center; gap: 20px;"> <div style="text-align: center;"> <p>GHS05</p> </div> <div style="text-align: center;"> <p>GHS07</p> </div> </div>		

replace Date 1 April 2023

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