



Product Specification

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HYDROBROMIC ACID

PRODUCT CODE		028505	
SYNONYMS		N/A	
C.I. NO.		N/A	
CASR NO.		10035-10-6	
ATOMIC OR MOLECULAR FORMULA		HBr	HBr
ATOMIC OR MOLECULAR WEIGHT		80.91	
PROPERTIES		Hydrobromic acid is a strong acid & sensitive to light. Noncombustible.	
PARAMETER		LIMIT	
Description		A clear liquid, colourless to pale yellow when freshly prepared.	
Solubility		10% solution in water is clear.	
Minimum Assay (acidimetric)		48.0-49.0%	
Wt. per ml at 20°C		About 1.48 g	
MAXIMUM LIMIT OF IMPURITIES			
Non volatile matter		0.05%	
Chloride (Cl)		0.2%	
Sulphate (SO ₄)		0.02%	
Iron (Fe)		0.0005%	
Lead (Pb)		0.0005%	
Note(s) : Assay (if applicable) method mentioned..			
DANGER		IMDG Code : 8/II	
HAZARD STATEMENTS : Fatal if inhaled. May damage the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage.		UN No. : 1788	
PRECAUTIONARY STATEMENTS		IATA : 8	
Prevention : Wear respiratory protection. Wear protective gloves/clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust or mist. Obtain special instructions before use.			
Response : Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Specific treatment: refer to Label or MSDS. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention advice. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.			
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 quantities of running water.			
Hazard Pictogram(s) :			
<div><div> GHS06</div><div> GHS08</div><div> GHS05</div></div>			

Replace Date 19-Dec-2025