



Product Specification

HYDROBROMIC ACID AR/ACS

PRODUCT CODE	544425
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10035-10-6)
ATOMIC OR MOLECULAR FORMULA	HBr
ATOMIC OR MOLECULAR WEIGHT	80.91
PROPERTIES	--

HBr

PARAMETER	LIMIT
Description	A clear liquid, colourless to pale yellow when freshly prepared becoming brown on storage.
Solubility	10% solution in water is clear.
Minimum assay (Acidimetric)	48.0-49.0%
Density [g/cm ³]	1.49 g

MAXIMUM LIMIT OF IMPURITIES

Arsenic (As)	0.00005%
Chloride (Cl)	0.05%
Heavy metals (as Pb)	0.0005%
Iodide (I)	Passes test.
Iron (Fe)	0.0001%
Organic substances	Passes test.
Phosphate (PO ₄)	0.003%
Residue on Ignition	0.003%
Selenium (Se)	Passes test.
Sulphate and Sulphite (as SO ₄)	0.003%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements: Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.

Disposal: Dispose of contents and container in accordance with relevant legislation.

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :--



Acute toxicity



Corrosive to metals