Product Specification

cdhfinechemical.com

HYDROBROMIC ACID

PRODUCT CODE	**028505**
SYNONYMS	**N/A**
C.I. NO.	**N/A**
CASR NO.	**10035-10-6**
ATOMIC OR MOLECULAR FORMULA	**HBr**
ATOMIC OR MOLECULAR WEIGHT	**80.91**
PROPERTIES	**Hydrobromic acid is a strong acid & sensitive to light. Noncombustible.**

HBr

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	0.02%
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

HAZARD STATEMENTS : Fatal if inhaled. May damage the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

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.

IMDG Code : 8/II
UN No. : 1788
IATA : 8

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) :

GHS06 GHS08 GHS05