



Product Specification

HYDROCHLORIC ACID

PRODUCT CODE	113460
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	7647-01-0
ATOMIC OR MOLECULAR FORMULA	HCl
ATOMIC OR MOLECULAR WEIGHT	36.46
PROPERTIES	Noncombustible.

HCl

PARAMETER	LIMIT
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Description	A clear liquid not more than 10 Hazen units in colour.
Solubility	Miscible with water forming clear solution.
Assay (acidimetric)	35 - 38%
Wt.per ml at 20°C	About 1.18 g

MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.01%
Free chlorine (Cl)	0.0005%
Sulphuric acid (H ₂ SO ₄)	0.02%
Iron (Fe)	0.0001%
Lead (Pb)	0.0005%

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

DANGER

HAZARD STATEMENTS : Fatal if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash thoroughly after handling.

Response : 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. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician.

Disposal : ---

IMDG Code : 8/II
UN No. : 1789
IATA : 8

Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals