



Product Specification

HYDROCHLORIC ACID ABT. 36% (1.18) EL

PRODUCT CODE	744580
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
Description	A clear colourless liquid not more than 10 Hazen units.
Solubility	Miscible with water.
Assay (acidimetric)	35.0 to 37.0%

MAXIMUM LIMIT OF IMPURITIES

Non-volatile matter	0.0005%
Bromide (Br)	0.005%
Free Chlorine(Cl ₂)	0.0002%
Phosphates(PO ₄)	0.00005%
Sulphates(SO ₄)	0.00005%
Sulphites(SO ₃)	0.00005%
Arsenic & Antimony (as As)	0.000001%
Silver(Ag)	0.000001%
Aluminium(Al)	0.000001%
Gold(Au)	0.000001%
Boron(B)	0.000001%
Barium(Ba)	0.000001%
Beryllium(Be)	0.000001%
Bismuth (Bi)	0.000001%
Calcium(Ca)	0.00002%
Cadmium(Cd)	0.000001%
Cobalt(Co)	0.000001%
Chromium(Cr)	0.000001%
Copper(Cu)	0.000001%




Iron(Fe)	0.00001%
Gallium(Ga)	0.000001%
Germanium(Ge)	0.000001%
Indium(In)	0.000001%
Potassium(K)	0.000001%
Lithium(Li)	0.000001%
Magnesium(Mg)	0.000001%
Manganese(Mn)	0.000001%
Molybdenum(Mo)	0.000001%
Ammonium(NH ₄)	0.0001%
Sodium(Na)	0.00002%
Nickel(Ni)	0.000001%
Lead(Pb)	0.000001%
Silicon(Si)	0.000001%
Tin(Sn)	0.000001%
Strontium(Sr)	0.000001%
Titanium(Ti)	0.000001%
Thallium (Tl)	0.000001%
Vanadium(V)	0.000001%
Zinc(Zn)	0.000005%
Zirconium(Zr)	0.000001%
Particles >0.50 µm/ml	250


Note(s) : 1] Assay (if applicable) method mentioned.

<p>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.</p>	<p>IMDG Code : 8/II UN No. : 1789 IATA : 8</p>
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Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals