



Product Specification

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HYDROFLUORIC ACID ACIPUR FOR TRACE METAL ANALYSIS

PRODUCT CODE	845100	
SYNONYMS	Hydrogen fluoride	
C.I. NO.	--	
CASR NO.	7664-39-3	
ATOMIC OR MOLECULAR FORMULA	HF	HF
ATOMIC OR MOLECULAR WEIGHT	20.01	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A clear colourless liquid.	
Minimum assay	48.0 %	
Wt per ml at 20 °C	1.152 – 1.158 g	
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition	0.0005%	
Sub. Reducing KMnO ₄	0.0004%	
Chloride (Cl)	0.0001%	
Phosphate (PO ₄)	0.00005%	
Sulphate (SO ₄)	0.0002%	
Aluminium (Al)	0.000005%	
Arsenic (As)	0.000005%	
Barium (Ba)	0.00001%	
Beryllium (Be)	0.000002%	
Bismuth (Bi)	0.00001%	
Cadmium (Cd)	0.000001%	
Calcium (Ca)	0.00005%	
Chromium (Cr)	0.000005%	
Cobalt (Co)	0.000002%	
Copper (Cu)	0.000002%	
Iron (Fe)	0.00002%	
Lead (Pb)	0.00002%	
Lithium (Li)	0.000002%	
Magnesium (Mg)	0.00002%	
Manganese (Mn)	0.000005%	
Molybdenum (Mo)	0.000005%	
Nickel (Ni)	0.000005%	
Potassium (K)	0.00001%	
Hydrofluosilicic acid	0.002%	
Heavy metals (as Pb)	0.00005%	
Silver (Ag)	0.000002%	
Sulphite	0.0002%	
Sodium (Na)	0.00005%	
Strontium (Sr)	0.000002%	
Thallium (Tl)	0.000005%	



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Titanium (Ti)	0.00001%
Vanadium (v)	0.000005%
Zinc (Zn)	0.000005%
Zirconium (Zr)	0.00001%

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) :--



GHS05



GHS06