



Product Specification

cdhfinechemical.com

HYDROFLUORIC ACID EL GRADE

PRODUCT CODE	744120
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	7664-39-3
ATOMIC OR MOLECULAR FORMULA	HF
ATOMIC OR MOLECULAR WEIGHT	20.01
PROPERTIES	It attacks glass or stoneware, dissolving the silica.

HF

PARAMETER	LIMIT
Description	A clear colourless liquid not more than 10Hazen units.
Solubility	Miscible with water forming clear & colourless solution.
Assay (acidimetric)	48.0-51.0%

MAXIMUM LIMIT OF IMPURITIES	
Residue on ignition	0.0001%
Fluorosilicic acid (H ₂ SiF ₆)	0.001%
Heavy metal (as Pb)	0.00005%
Copper (Cu)	0.00001%
Iron (Fe)	0.00001%
Potassium (K)	0.00001%
Sodium (Na)	0.00001%
Chloride (Cl)	0.00001%
Phosphate (PO ₄)	0.00001%
Sulphite (as SO ₃)	0.00001%
Sulphate (SO ₄)	0.00001%

Note(s) : 1] 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 : 8/II UN No. : 1790 IATA : 8



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Hazard Pictogram(s) :



GHS05



GHS06

Replace date 29-Apr-2026