



# Product Specification

cdhfinechemical.com

## HYDROFLUORIC ACID EL GRADE

<b>PRODUCT CODE</b>	<b>744120</b>	
<b>SYNONYMS</b>	<b>N/A</b>	
<b>C.I. NO.</b>	<b>N/A</b>	
<b>CASR NO.</b>	<b>7664-39-3</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>HF</b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>20.01</b>	<b>HF</b>
<b>PROPERTIES</b>	<b>It attacks glass or stoneware, dissolving the silica.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A clear colourless liquid not more than 10Hazen units.	
Solubility	Miscible with water forming clear & colourless solution.	
Assay (acidimetric)	40.0-42.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Chlorides (Cl)	5 ppm	
Nitrates (NO <sub>3</sub> )	3 ppm	
Phosphates (PO <sub>4</sub> )	1 ppm	
Sulphates (SO <sub>4</sub> )	5 ppm	
Fluorosilicic acid (H <sub>2</sub> SiF <sub>6</sub> )	50 ppm	
Aluminium (Al)	10 ppb	
Barium (Ba)	10 ppb	
Cadmium (Cd)	10 ppb	
Calcium (Ca)	10 ppb	
Chromium (Cr)	10 ppb	
Cobalt (Co)	10 ppb	
Copper (Cu)	10 ppb	
Iron (Fe)	10 ppb	
Lead (Pb)	10 ppb	
Magnesium (Mg)	10 ppb	
Molybdenum (Mo)	10 ppb	
Manganese (Mn)	10 ppb	
Nickel (Ni)	10 ppb	
Strontium (Sr)	10 ppb	
Zinc (Zn)	10 ppb	
Potassium (K)	10 ppb	
Sodium (Na)	10 ppb	
Beryllium (Be)	5 ppb	

Bismuth (Bi)	5 ppb
Boron (B)	10 ppb
Gallium (Ga)	10 ppb
Germanium (Ge)	10 ppb
Gold (Au)	5 ppb
Lithium (Li)	5 ppb
Silver (Ag)	5 ppb
Tin (Sn)	10 ppb
Titanium (Ti)	10 ppb
Vanadium (V)	10 ppb
Zirconium (Zr)	10 ppb
Particles >0.50 m/ml	150

**Important : After use tighten the cap properly.**

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

**DANGER**

**HAZARD STATEMENTS :** Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. May be corrosive to metals/ Causes severe skin burns and eye damage.

**PRECAUTIONARY STATEMENTS : ---**

**Response : --**

IMDG Code : 8/1  
UN No. : 1790  
IATA : 8

**Disposal :** Chemical to be disposed should be added to large excess of 2% sodium hydroxide solution in a fume extraction hood. Allow hydrolysis to complete for at least 48 hours(pH<9). After neutralization, flush it to drain with large amounts of water.

Hazard Pictogram(s) :



GHS05



GHS06