



# Product Specification

cdhfinechemical.com

## HYDROFLUORIC ACID AR/ACS

<b>PRODUCT CODE</b>	<b>544738</b>	
<b>SYNONYMS</b>	N/A	
<b>C.I. NO.</b>	N/A	
<b>CASR NO.</b>	7664-39-3	
<b>ATOMIC OR MOLECULAR FORMULA</b>	HF	<b>HF</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	20.01	
<b>PROPERTIES</b>	It attacks glass or stoneware, dissolving the silica.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A clear liquid with an acrid vapour.	
Solubility	Miscible with water forming clear & colourless solution.	
Assay (acidimetric)	48-51%	
Wt.per ml at 20°C	About 1.15 g	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Residue on ignition	0.0005%	
Chloride (Cl)	0.0001%	
Hexafluorosilicate. (SiF <sub>6</sub> )	0.005%	
Phosphate (PO <sub>4</sub> )	0.00005%	
Sulphate (SO <sub>4</sub> )	0.0002%	
Sulphite (SO <sub>3</sub> )	0.0002%	
Aluminium (Al)	0.000005%	
Barium (Ba)	0.00001%	
Cadmium (Cd)	0.000001%	
Calcium (Ca)	0.00005%	
Chromium (Cr)	0.000002%	
Cobalt (Co)	0.000002%	
Copper (Cu)	0.000002%	
Iron (Fe)	0.00002%	
Lead (Pb)	0.000005%	
Magnesium (Mg)	0.00002%	
Molybdenum (Mo)	0.000005%	
Manganese (Mn)	0.000005%	
Nickel (Ni)	0.000002%	
Strontium (Sr)	0.000002%	
Zinc (Zn)	0.000005%	
Potassium (K)	0.00002%	
Sodium (Na)	0.00002%	



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

**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 : 6.1(8)/II  
UN No. : 1790B  
IATA : 6.1 (8)

**Hazard Pictogram(s) :**



GHS05



GHS06