



HYDROFLUORIC ACID AR/ACS

PRODUCT CODE	544738	
SYNONYMS	N/A	
C.I. NO.	N/A	
CASR NO.	7664-39-3	
ATOMIC OR MOLECULAR FORMULA	HF	HF
ATOMIC OR MOLECULAR WEIGHT	20.01	
PROPERTIES	It attacks glass or stoneware, dissolving the silica.	
PARAMETER	LIMIT	
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	
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition	0.0005%	
Chloride (Cl)	0.0005%	
Hexafluorosilicate. (SiF ₆)	0.005%	
Phosphate (PO ₄)	0.0001%	
Sulphate (SO ₄)	0.0005%	
Copper (Cu)	0.00001%	
Iron (Fe)	0.0001%	
Heavy metals (as Pb)	0.00005%	
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) :		
<div></div> <div>GHS05GHS06</div>		

Replace date 20-Sep-2025