



Product Specification

cdhfinechemical.com

HYDROFLUORIC ACID

PRODUCT CODE	028514
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 liquid with an acrid vapour.
Solubility	Miscible with water forming clear & colourless solution.
Assay (acidimetric)	39 - 43%
Wt. per ml at 20°C	1.130 - 1.140 g

MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition		0.04%
Hexafluorosilicate (SiF ₆)		1.0%
Sulphate (SO ₄)		0.04%
Iron (Fe)		0.003%
Lead (Pb)		0.003%

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)
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Hazard Pictogram(s) :



GHS05



GHS06

Replace date 07-Oct-2025