



## PRODUCT SPECIFICATION

EP 084

REV 00

### IDENTIFICATION

<b>Chemical name</b>	Anhydrous Hydrofluoric Acid ISO - IT
<b>Formula</b>	HF
<b>CAS-number:</b>	7664-39-3

### PHYSICOCHEMICAL CHARACTERISTICS

<b>Appearance</b>	Colorless gas. Causes white smoke in moist air.			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Concentration	%	99.95	-	Manufacturer's Specification
H <sub>2</sub> SiF <sub>6</sub>	%	-	0.01	
H <sub>2</sub> SO <sub>4</sub>	%	-	0.02	
SO <sub>2</sub>	%	-	0.001	
H <sub>2</sub> O	%	-	0.04	

### MAIN APPLICATIONS

Detergents, paint removers, surface treatment, electroplating, glass matting and engraving, fluoride manufacturing, aluminum production, among others.

### OTHER INFORMATION

<b>UN No.</b>	1052
<b>No. of Risk</b>	886
<b>Packaging</b>	Bulk in Iso tank
<b>Cautious</b>	Toxic and corrosive product. It is a very dangerous inorganic acid. At room temperature, it releases toxic and irritating gases. Contact with skin, eyes and mucous membranes requires urgent medical treatment. For handling, use the following PPE's: Long sleeves in PVC or neoprene, trevira cape, leather or rubber boots and wide vision goggles. In case of leakage, wear level A overalls with breathing air cylinder.
<b>Storage</b>	Keep stored in a covered, ventilated, dry place away from sunlight. Respect chemical incompatibility as provided in MSDS.
<b>Shelf Life</b>	24 months depending on ideal storage conditions.
<b>Legal requirements</b>	Product controlled by the Ministry of Army and Civil Police.

<b>Datasheet</b>	<b>Code</b>	<b>Description</b>
	104.60.2	Anhydrous Hydrofluoric Acid ISO - IT

### HISTORY OF CHANGES

<b>Date</b>	<b>Revision</b>	<b>Comments of Changes</b>
-	00	Initial Issue