



## PRODUCT SPECIFICATION

EP 014  
REV 02

### IDENTIFICATION

<b>Chemical name</b>	Hydrofluoric acid, 71%
<b>Formula</b>	HF
<b>CAS Number</b>	7664-39-3

### PHYSICAL - CHEMICAL CHARACTERISTICS

<b>Appearance</b>	Liquid, clear and colorless			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Concentration	%	70.0	-	Manufacturer's Specification
H <sub>2</sub> SiF <sub>6</sub>	%	-	0.02	
H <sub>2</sub> SO <sub>4</sub>	%	-	0.02	

### MAIN APPLICATIONS

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

### OTHER INFORMATION

<b>UN No.</b>	1790
<b>Risk No.</b>	886
<b>Packaging</b>	Polyethylene packaging with 25, 230, 250 Kg and bulk.
<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>Validity</b>	12 months depending on ideal storage conditions.
<b>Legal requirements</b>	Product controlled by the Ministry of Army and Civil Police.

<b>Technical Specifications</b>	<b>Code</b>	<b>Description</b>
	103.12.2	Hydrofluoric Acid 71% AFS BB25 - IT
	103.01.2	Hydrofluoric Acid 71% AFS Bulk- IT
	103.60.2	Hydrofluoric Acid 71% AFS ISO - IT
	103.23.2	Hydrofluoric Acid 71% AFS TB250 - IT
	157.12.2	Hydrofluoric Acid 71% RPC BB25 - IT
	157.23.2	Hydrofluoric Acid 71% RPC TB230 - IT

<b>HISTORY OF CHANGES</b>		
<b>Date</b>	<b>Revision</b>	<b>Comments of Changes</b>
<b>2013-08-05</b>	<b>00</b>	Initial Issue.
-	<b>01</b>	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes. Unification of EP-0015 to EP-0019.
-	<b>02</b>	Title correction and inclusion of 230, 250 Kg and bulk packaging.