



USIQUÍMICA

IDENTIFICATION				
Chemical Name	Hydrofluoric Acid 71% - AFS			
Formula	HF			
CAS No.	7664-39-3			
PHYSICOCHEMICAL CHARACTERISTICS				
Aspect	Liquid, clear and transparent.			
Characteristic	Unit	Minimum	Maximum	Method
Concentration	%	70.0	-	IT-8.2.4-6
H ₂ SiF ₆	%	-	0.01	Technical
H ₂ SO ₄	%	-	0.02	specification of the supplier
MAIN APPLICATIONS				
Detergents, strippers, surface treatment, plating, frosting and engraving glasses, manufacturing of fluorides, aluminum production, processing of uranium and graphite, ceramic, fluorocarbons (Freon, Frigen, Teflon, etc.).				
ADDITIONAL INFORMATION				
ONU No.:	1790			
Risk No.	886			
Packing	25 kg polyethylene drums.			
Cautions	Toxic and corrosive product. It is a very dangerous inorganic acid. At room temperature, it releases toxic and irritant gases. The contact with the skin, eyes and mucous membranes require urgent medical treatment. For handling, please use the following PPEs: Long cuff gloves in PVC or neoprene, coat in trevira, leather or rubber boots, full view goggles and, in case of leakage, "full face" mask with filter for acid gases.			
Storage	Keep stored in a covered, airy, dry place and away from sun light. Keep it separated from other acids and alkalis.			
Validity:	12 months, depending on storage ideal conditions.			
Legal Requirements	Product controlled by Army Ministry and Civil Police.			
Specifications	Code	Revision	Date	Page
	40.1790.1.00.9	02	3/18/2010	01/01
Issued: Valdeci José Benedito			Approved: Wagner Coelho	
Signature:			Signature:	

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