



USIQUÍMICA

IDENTIFICATION				
Chemical Name	Nitric Acid 53% (36 ° BE)			
Formula	HNO ₃			
CAS No.	7697-37-2			
PHYSICOCHEMICAL CHARACTERISTICS				
Aspect	Colorless liquid to slightly yellowish.			
Characteristic	Unit	Minimum	Maximum	Method
Concentration	%	53.0	-	IT-8.2.4-2
Density 20°C	g/cm ³	1.325	-	IT-8.2.4-2
MAIN APPLICATIONS				
Metallurgical, stripper, surface treatment, laboratory reagents, rubber, explosives, organic synthesis, photoengraving, plating.				
ADDITIONAL INFORMATION				
ONU No.:	2031			
Risk No.	80			
Packing	Bulk, stainless steel tanks or polyethylene drums.			
Cautions	Toxic and corrosive product. Avoid contact with any part of the body. The inhalation or ingestion may cause severe burns or death. The reaction with water or air humidity releases toxic, corrosive and inflammable gases. The contact with certain metals can release inflammable hydrogen gas. PPEs: long cuff gloves, PVC boots and clothing, panoramic mask conjugated with compatible gas filter.			
Storage	Keep it stored in a covered and airy place away from the sun.			
Validity:	12 months, depending on storage ideal conditions.			
Legal Requirements	Product controlled by Army Ministry.			
Specifications	Code	Revision	Date	Page
	20.2031.1.00.8	02	12/6/2006	01/01
Issued: Valdeci José Benedito			Approved: Wagner Coelho	
Signature:			Signature:	

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