



USIQUÍMICA

IDENTIFICATION				
Chemical Name	Ammonia Solution 20%			
Formula	NH ₄ OH			
CAS No.	1336-21-6			
PHYSICOCHEMICAL CHARACTERISTICS				
Aspect	Liquid, clear and colorless.			
Characteristic	Unit	Minimum	Maximum	Method
Density	g/mL	0.921	0.920	I.T 8.2.4-5
Concentration	%	20.0	21.0	I.T 8.2.4-5
Silica	ppm	-	1.0	I.T 8.2.4-11
p.H	-	12.0	13.5	I.T 8.2.4-31
MAIN APPLICATIONS				
Applications	Textile industry, agriculture, rubber, leather, lubricants, cosmetic, food, waste water treatment, production of films, photo printing, paints among others.			
ADDITIONAL INFORMATION				
ONU No.:	2672			
Risk No.	80			
Packing	Bulk, containers (IBCs) or polyethylene drums.			
Cautions	Corrosive product. It decomposes when heated, releasing toxic gases. The inhalation or contact with eyes may cause serious injuries. In contact with the skin, it may cause irritation. For handling, use the following PPEs: "full face" mask or Moldex double filter for ammonia gas along with goggles (if you use a double filter with Moldex mask), long scuff gloves in PVC or nitrile, leather boots or rubber, apron in PVC (type barber), besides protective clothing fabrics suitable for chemicals.			
Storage	Keep it stored in an open, covered, airy place away from sources of heat, ignition and incompatible products as reported in the SDS.			
Validity:	Six months.			
Legal Requirements	Product controlled by Federal Police - FP.			
Specifications	Code	Revision	Date	Page
	10.2672.400.4.	05	4/5/2010	01/01
Issued: Valdeci José Benedito			Approved: Wagner Coelho	
Signature:			Signature:	

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