



USIQUIMICA

IDENTIFICATION				
Chemical Name	Caustic Soda Solution 49/50 %			
Formula	NaOH			
CAS No.	1310-73-2			
PHYSICOCHEMICAL CHARACTERISTICS				
Aspect	Viscous liquid, colorless to slightly grayish.			
Characteristic	Unit	Minimum	Maximum	Method
Concentration	%	49.0	-	I.T 8.2.4-25
Density	g/mL	1.500		I.T 8.2.4-25
Carbonates (m/m Na ₂ CO ₃)	%	-	0.2	Technical
Chlorides (m/m NaCl)	%	-	1.2	specification
Iron (Fe)	ppm	-	8.0	of the product supplier
MAIN APPLICATIONS				
Applications	Industries of paper, pulp, soap, detergents, adhesives, beverages, food, pharmaceutical, oil and grease, ceramics, rubber, tanning, plating, laundries, mining and chemical industry in general.			
ADDITIONAL INFORMATION				
ONU No.:	1824			
Risk No.	80			
Packing	Bulk or polyethylene drums.			
Cautions	Highly corrosive product. In contact with the skin, it may cause serious injuries. Alkaline product, it absorbs the air humidity. It reacts violently with acids and, with water, provokes exothermy. Use the PPEs: safety goggles, gloves, boots and PVC apron.			
Storage	It must be stored in carbon steel tanks, polyethylene drums. When in drums, store it in a covered, well-ventilated place.			
Validity:	Six months.			
Legal Requirements	Product controlled by Federal Police - FP			
Specifications	Code	Revision	Date	Page
	20.1824.1.00.6	01	5/14/2008	01/01
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Signature:			Signature:	

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