



USIQUÍMICA

IDENTIFICATION				
<b>Chemical Name</b>	Technical Urea			
<b>Formula</b>	$(\text{NH}_2)_2\text{CO}$			
<b>CAS No.</b>	57-13-6			
PHYSICOCHEMICAL CHARACTERISTICS				
<b>Aspect</b>	White crystals.			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Purity as $(\text{NH}_2)_2\text{CO}$	%	98.0	-	<b>Technical specification of the product</b>
Total nitrogen content	%	46.0	-	
Free ammonia content ( $\text{NH}_3$ )	ppm	-	275.0	
Biuret content ( $\text{C}_2\text{H}_5\text{N}_3\text{O}_2$ )	%	-	1.5	<b>supplier</b>
Humidity content	%	-	0.5	
MAIN APPLICATIONS				
<b>Applications</b>	In chemical industries, textiles, cosmetics, pharmaceutical, leather (leather processing), resin production, as biological nutrient of wastewater and in agriculture as source of nitrogen.			
ADDITIONAL INFORMATION				
<b>ONU No.:</b>	Unclassified.			
<b>Risk No.</b>	Unclassified.			
<b>Packing</b>	Polyethylene bags weighing 25.0 kg.			
<b>Cautions</b>	Although not classified, this product may cause irritation to the skin and to respiratory system. When handling the product, use PVC gloves, goggles and mask against aerosols.			
<b>Storage</b>	Keep it stored in the open, covered and airy place away from heat sources and ignition sources.			
<b>Validity:</b>	Thirty six months, if the guidelines prescribed in the packaging are followed.			
<b>Legal Requirements</b>	Unclassified.			
<b>Specifications</b>	<b>Code</b>	<b>Revision</b>	<b>Date</b>	<b>Page</b>
	20.6045.2.00.1	04	6/12/2009	01/01
<b>Issued: Valdeci José Benedito</b>			<b>Approved: Wagner Coelho</b>	
<b>Signature:</b>			<b>Signature:</b>	

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