



PRODUCT SPECIFICATION

EP 066

REV 08

IDENTIFICATION

Chemical name	Technical Urea
Formula	$(\text{NH}_2)_2\text{CO}$
CAS Number	57-13-6

PHYSICAL - CHEMICAL CHARACTERISTICS

Appearance	White crystals			
Characteristic	Unit	Minimum	Maximum	Method
Water (Karl Fischer)	%	-	0.50	Technical specification from the product supplier.
Total nitrogen	%	46.0	-	
Free Ammonia (NH_3)	ppm	-	275.0	
Biuret ($\text{C}_2\text{H}_5\text{N}_3\text{O}_2$)	%	-	1.50	

MAIN APPLICATIONS

In chemical industries, textiles, cosmetics, pharmaceuticals, tanneries (leather processing), resin production, as a biological nutrient in effluents and in agriculture as a source of nitrogen.

OTHER INFORMATION	
UN No.	Product not covered by the Resolution in force on the transport of dangerous products.
Risk No.	Product not covered by the Resolution in force on the transport of dangerous products.
Packaging	Polythene bags, weighing 25Kg.
Cautious	Although unclassified, this product may cause skin and respiratory irritation. When handling the product, use PVC gloves, goggles and a mask against aerosols.
Storage	Keep stored in an open, covered, ventilated place, away from sources of heat and ignition.
Validity	12 months, as long as the guidelines prescribed on the packaging are followed.
Legal requirements	Product not covered by the Resolution in force on the transport of dangerous products.

	Code	Description
Technical Specifications	131.35.0	Technical Urea
	164.60.0	Technical urea for bottling

HISTORY OF CHANGES		
Date	Revision	Comments of Changes
-	06	Update of the layout of the document, of the person responsible for approving the specification and the framework regarding the Legislation in force on the transport of hazardous products.
-	07	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes.
-	08	Validity change from 36 to 12 months.