



## PRODUCT SPECIFICATION

EP 085

REV 00

### IDENTIFICATION

<b>Chemical name</b>	45% urea solution
<b>Formula</b>	Urea in aqueous solution
<b>CAS Number</b>	57-13-6

### PHYSICAL - CHEMICAL CHARACTERISTICS

<b>Appearance</b>	Colorless liquid with characteristic odor			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Urea concentration (m/m)	%	44.0	46.0	IT.CQ-0028
Density at 20°C	Kg/m <sup>3</sup>	1117.0	1126.0	IT.CQ-0028

### MAIN APPLICATIONS

In chemical, textile, cosmetic, pharmaceutical industries, as a biological nutrient in effluents and in agriculture as a source of nitrogen.

OTHER INFORMATION	
<b>UN No.</b>	Product not covered by the Resolution in force on the transport of dangerous products.
<b>Risk No.</b>	Product not covered by the Resolution in force on the transport of dangerous products.
<b>Packaging</b>	Bulk in tank trucks.
<b>Cautious</b>	Product not classified as dangerous or poisonous, however, when handling, it is recommended to use the following PPE: Rubber gloves, protective goggles (wide vision) and mask against alkaline vapors.
<b>Storage</b>	Keep stored in an open, covered, ventilated place, protected from sunlight, at a temperature above -11°C and below 30°C.
<b>Validity</b>	Twelve months, depending on ideal storage conditions
<b>Legal requirements</b>	Product not covered by the Resolution in force on the transport of dangerous products.

	Code	Description
<b>Technical Specifications</b>	182.01.0	45% urea solution

HISTORY OF CHANGES		
Date	Revision	Comments of Changes
-	00	Initial Issue