



# KENCRO

## CHEMICALS

### SPECIFICATION: UREA

#### GENERAL INFORMATION

Chemical Formula	CO(NH <sub>2</sub> ) <sub>2</sub>
Chemical Name	Urea
Number	000-057-136
Physical Form	Solid Prills

#### PHYSICAL PROPERTIES

Bulk Density	750 kg/m <sup>3</sup> (46 lb/cu.ft.)
Melting Point	132°C (270°F)
Size Guide Number	180 - 210
Angle of Repose	34°

CHEMICAL ANALYSIS	TYPICAL ANALYSIS	SPECIFICATIONS
Purity as CO(NH <sub>2</sub> ) <sub>2</sub> , %	99.0%	-
Total Nitrogen, %	46.2%	46.0 Min.
Moisture, % H <sub>2</sub> O	0.15%	0.3 Max.
Biuret, %	1.0%	1.2 Max.
Alkalinity as NH <sub>2</sub> , ppm	<150	-
Colour A.P.H.A. units	5	10 Max.
Turbidity as SiO <sub>2</sub> , ppm	15 ppm	20 Max.
PH 10% Solution	7.3 – 10.0	-
Conditioning Agent, %	0.2%	-

#### SAFETY

As with any chemical, urea requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the material and safety data sheet.

***FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS***

***All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility.***

**SPEC#: INU0N7**

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