



## Technical Data Sheet

<b>Product Name</b>	Urea 46
<b>Molecular Formula:</b>	CH <sub>4</sub> N <sub>2</sub> O
<b>Classification</b>	Nitrogen Fertilizer
<b>CAS No</b>	57-13-6
<b>Specification</b>	Urea 46%Prilled and Granular Nitrogen: 46%min Biuret: 1.0%max Moisture: 0.5%max Molecular Weight: 60.06 Melting point: 132-135C Relative density: 1.335g/ml at 25C(lit)
<b>Application</b>	Also known as carbamide, is an organic compound of carbon, nitrogen, oxygen and hydrogen, with the formula CON <sub>2</sub> H <sub>4</sub> or (NH <sub>2</sub> ) <sub>2</sub> CO. Urea is produced commercially from two raw materials, ammonia and carbon dioxide. Large quantities of carbon dioxide are produced during the manufacture of ammonia from coal or from hydrocarbons such as natural gas and petroleum derived raw materials. This allows direct synthesis of urea from these raw materials. Urea has a number of advantages over other nitrogen fertilizers. Urea is safer to ship and handle, it is less corrosive to equipment, it has a higher analysis than any other dry nitrogen fertilizer and it can be used on virtually all crops
<b>Size</b>	0.85mm-2.8mm 98%min
<b>Packing</b>	50kg/bag, 1000kg/bag, 500kg/bag pallet available
<b>Delivery detail</b>	Within 20 days after the receipt of L/C or advance payment
<b>Quantity /20'FCL</b>	23-25MTS

