

(Granular Urea N46% Min)

Urea is the most widely used nitrogen fertilizer in the world. It is effective on all crops, in regions with a warm climate. Urea is a synthesized organic molecule easily accessible to plants and can be absorbed by all parts of plants, both roots and vegetative mass. Therefore, urea is effective for the main application and as a top dress, independently and in tank mixtures with microelements and plant protection products.

The most concentrated granular nitrogen fertilizer to provide agricultural plants with nitrogen throughout the growth and development period, supplying plants with all three forms of open-access nitrogen: amide, ammonium, and nitrate (after transformation in soil). It is suitable for soils with pH 7-9. Its transformation in soil results in alkalization and further acidification of the soil solution. This nitrogen fertilizer is the most eco-friendly and harmless for plants, providing a wide range of uses from autumn application during tillage for crop quality increase to use as an anti-stress agent.

Properties	Typical
Nitrogen	Min 46.0%
Biuret	Max 1.0%
Potassium	Max 0.5%
Arsenic, Mercury, Cadmium	0.1 mg/kg Max
Melting Point	132°C
Free Ammonia	160 PXT ppm
Moisture	0.5% Max
Lead	1 mg/Kg Max
Solubility in Water at 20C	100 g/100 ml of water
Granulometric Composition (2.00-4.00 mm)	Min 95%
Urea content	98% Min
Appearance	Free Flowing, non-clotted, free from harmful substances and mechanical impurities
Color	Standard white/pure white
Formaldehyde	<0.5%
pH in 10% solution	7-9

Advantages

- 1) Provides highly effective nitrogen nutrition with a prolonged effect.
- 2) Has a positive effect on extended root formation.
- 3) Can be applied in a high dosage in one single application.
- 4) Increases the protein and oil content of field crops.





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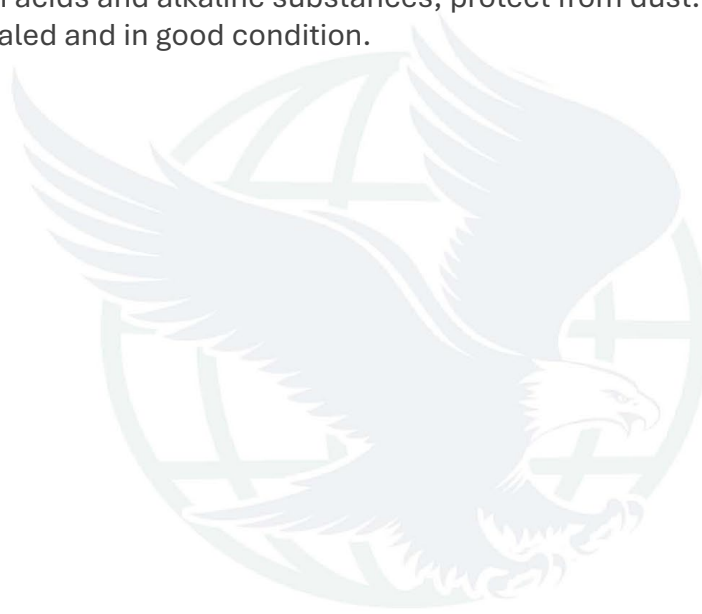
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Packing

Shipped in 1000 kg Jumbo bags or 50 kg small bags or in covered self-unloading hoppers.

Storage

- 1) Prevent moisture absorption, keep away from heat, keep in air well-ventilated area.
- 2) Do not contact with acids and alkaline substances, protect from dust.
- 3) Ensure bags are sealed and in good condition.



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COMMENTS

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet ("SDS") contains essential environmental, health, and safety information concerning its handling and storage. This product's most current version of the SDS can be obtained by contacting a Buoyancy General Trading LLC representative.



+971 04 2809586
+971 04 263 9816 (Fax)



sales@buoyancy.ae
inquiry@buoyancy.ae



www.buoyancy.ae
P O Box Number : 86703 Dubai, UAE