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BUOYANCY GENERAL TRADING LLC

## AdBlue Grade Urea/Automotive Grade Urea

AdBlue grade urea is a high-purity urea solution in deionized water used in diesel engines with selective catalytic reduction (SCR) technology to reduce nitrogen oxide (NOx) emissions. When AdBlue is injected into the exhaust stream of a diesel engine, it reacts with the NOx emissions and converts them into harmless nitrogen and water vapor. AdBlue grade urea has become increasingly important in meeting emissions regulations for diesel vehicles. Following are the technical properties of AdBlue grade urea exported by Buoyancy®.

Mass fraction of nitrogen (N) on a dry basis, min	46.2%
Mass fraction of free ammonia (NH <sub>3</sub> ), max	0.05%
Mass fraction of biuret, max	0.9%
Mass concentration:	
Formaldehyde, max	NIL
Phosphates, max	1.5 mg/kg
Calcium, max	1.5 mg/kg
Iron, max	1.5 mg/kg
Copper, max	0.6 mg/kg
Zinc, max	0.6 mg/kg
Chrome, max	0.6 mg/kg
Nickel, max	0.6 mg/kg
Magnesium, max	0.5 mg/kg
Sodium, max	0.5 mg/kg
Aluminum, max	0.5 mg/kg
Potassium, max	0.5 mg/kg
Mass fraction of water (Fischer method), max (%)	0.3 %
Appearance	White, Prilled & free-flowing
Granulometry	
0.85–2.84 mm, min	96.8%

### Packaging

50 kg bags or 1 Ton Jumbo bags

### Storage & Handling

- 1) Prevent moisture absorption, keep away from heat and well-ventilated.
- 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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### Tags

Prilled UREA Ad-Blue, Prilled Urea automotive-grade, Urea Ad-Blue, Urea automotive-grade for Ad-Blue

### 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.

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The Safety Data Sheet (“SDS”) for this product contains important environmental, health and safety information regarding this product, including information concerning the handling and storage of this product. The most current version of the SDS for this product can be obtained by contacting Buoyancy General Trading LLC representative.

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