KINGDOM BIO SOLUTIONS

UREA - AUS32 for AdBlue | DEF Production - China Direct

Name: AUS32 Urea

Synonyms: Urea for Adblue, Carbamide, Carbonyl diamide

CAS No.: 57-13-6

EINECS: 200-315-5

Molecular Formula: CH_4N_2O

Molecular Weight: 60.05

Grade Standard: Industrial Grade

Appearance: White granular

Specifications as per ISO22241

Item	Standard
Nitrogen(dry basis)	46.4% Minimum
Biuret (wt %)	0.8% Maximum
Moisture(H_2O) (wt %)	0.45% Maximum
Alkanlinity (NH_3)(wt %)	0.5% Maximum
Sulphate(SO_{42})(wt %)	0.02% Maximum
Undissolved Substances, (mg/kg)	15 Maximum
MDU(HCHO)(mg/kg)	3 Maximum
Phosphate(PO_4)(mg/kg)	0.3 Maximum
Ca(mg/kg)	0.8 Maximum
Fe(mg/kg)	0.8 Maximum
Cu (mg/kg)	0.2 Maximum
Zn (mg/kg)	0.2 Maximum
Cr (mg/kg)	0.4 Maximum
Ni (mg/kg)	0.4 Maximum
Al (mg/kg)	0.5 Maximum
Mg (mg/kg)	0.5 Maximum
Na (mg/kg)	0.5 Maximum
K (mg/kg)	0.5 Maximum
Granule size - 0.825-2.8mm%	90 Minimum

Urea for Diesel Exhaust Fluid - ADBlue standardised as ISO 22241 is an aqueous urea solution made with 32.5% high-purity urea (AUS 32) and 67.5% deionized water

Usage
SCR Urea is used in SNCR and SCR reactions to reduce the NOx pollutants in exhaust gases from combustion from Diesel, dual fuel, and lean-burn natural gas engines. The BlueTec system, for example, injects a water-based urea solution into the exhaust system. The ammonia produced by the hydrolysis of the urea reacts with the nitrogen oxide emissions and is converted into nitrogen and water within the catalytic converter. Trucks and cars using these catalytic converters need to carry a supply of diesel exhaust fluid (DEF, also known as AdBlue), a mixture of urea and water.

Packing
1 MT Bags / 1000 KG Bags / 50 KG Bags/ 25KG Bags

Transportation
Avoid sharp objects

Storage
Store in cool, dry place, prevent rain and sun

We can service contracts of 10,000 MT/30,000 MT/50,000 MT per year
Pricing is based on overall contract qty
On larger orders we can secure best rate cargo & freight.
28 day lead time

- Trail orders 100mt are ready to get business moving

1000 kg bags ready for export