



AUTOMOTIVE GRADE UREA

Automotive Urea N46

A high-purity automotive-grade urea (46.3% N) in solid crystalline granular form, produced as feedstock for diesel exhaust fluid (DEF / AdBlue) and technical applications. Low-biuret and low heavy-metal grade. The specifications below apply to each consignment supplied under this offer.

TOTAL NITROGEN 46.3% min	BIURET 0.8% max	FORM Granular	PACKING Bulk / FIBC
-----------------------------	--------------------	------------------	------------------------

SECTION 1 — CHEMICAL ANALYSIS

Appearance

Solid crystalline granule; white / slightly coloured

Total Nitrogen, as N 46.3% min
WT%

Biuret Content 0.8% max
WT%

Moisture — Hygroscopic 0.3% max
WT%

Moisture — Total 0.5% max
WT%

Free Ammonia (NH₃) 0.02% max
WT%

Aldehydes 5 mg/kg max

Insolubles 50 mg/kg max

Phosphate 1.5 mg/kg max

SECTION 2 — MICROELEMENTS

VALUES IN MG/KG, MAXIMUM

Aluminium (Al) 1.5 max

Calcium (Ca) 1.5 max

Chromium (Cr) 0.6 max

Copper (Cu) 0.6 max

Iron (Fe) 1.5 max

Potassium (K) 1.5 max

Magnesium (Mg) 1.5 max

Sodium (Na) 1.5 max

Nickel (Ni) 0.6 max

Zinc (Zn) 0.6 max

PACKING

BULK · FIBC

1 MT / 1.2 MT BIG BAGS

Either Bulk or one (1) metric ton and/or 1.2 metric ton Flexible Intermediate Bulk Containers ("FIBC" or "big bags"), suitable for ocean transportation, bulk vessel handling, container and long-distance shipment.

