

AdBlue Technical Specification

Product Overview

AdBlue is a 32.5% high-purity urea solution in demineralised water, used in Selective Catalytic Reduction (SCR) systems to reduce nitrogen oxide (NOx) emissions from diesel engines. Manufactured to ISO 22241 standards.

Key Specifications

- Urea Concentration: 32.5% +/- 0.7% by weight
- Biuret: < 0.3% by weight
- Aldehydes: < 5 mg/kg
- Insolubles: < 20 mg/kg
- Phosphate (PO4): < 0.5 mg/kg
- Alkalinity (NH3): < 0.2% by weight
- Density at 20°C: 1.0870 - 1.0930 g/cm³
- Refractive Index at 20°C: 1.3814 - 1.3843
- ISO 22241-1 Certified: Yes
- Shelf Life: 12 months (sealed container)
- Storage Temperature: -11°C to 30°C

Packaging Options

Available in:
5L | 10L | 20L containers
205L drum
1000L IBC
Bulk tanker deliveries

Compliance & Handling

Complies with ISO 22241-1/2/3/4. Meets Euro 4, 5, 6 emission standards. Store sealed away from sunlight and extreme temperatures. Avoid contamination. Refer to Safety Data Sheet for detailed handling guidelines.