

# AdBlue®



## DESCRIPTION / APPLICATION

L'AdBlue®, Is a solution designed to reduce exhaust gas emissions from heavy-duty diesel vehicles and to ensure compliance with Euro 4, Euro 5, and Euro 6 emission standards.

L'AdBlue® is a 32.5% aqueous urea solution, compliant with ISO 22241. It is used to reduce nitrogen oxide (NOx) emissions from diesel engines equipped with Selective Catalytic Reduction (SCR) technology.

L'AdBlue® promotes the chemical conversion of harmful exhaust gases produced by diesel engines into harmless nitrogen and water vapor within the catalytic converter, significantly reducing environmental impact.

- Its use in vehicles equipped with SCR technology ensures continuous compliance with European Euro 4, Euro 5, and Euro 6 regulations governing exhaust emissions.

L'AdBlue® is injected into the exhaust system via a dedicated onboard tank. Its consumption typically represents approximately 5% of total diesel fuel consumption and allows a reduction of up to 85% in nitrogen oxide (NOx) emissions.

## SPECIFICATION : ISO 22241

Parameter	Spécification	Parameter	Spécification
Urea	31.8 – 33.2 %	Copper	Max. 0.2 mg/kg
Refractive Index at 20°C	1.3814 – 1.3843	Zinc	Max. 0.2 mg/kg
Ammonia Alkalinity (NH <sub>3</sub> )	Max. 0.2 %	Chromium	Max. 0.2 mg/kg
Biuret	Max. 0.3 %	Nickel	Max. 0.2 mg/kg
Formaldéhyde	Max. 5 mg/kg	Aluminium	Max. 0.5 mg/kg
Water Insolubles	Max. 20 mg/kg	Magnésium	Max. 0.5 mg/kg
Phosphate PO <sub>4</sub>	Max. 0.5 mg/kg	Sodium	Max. 0.5 mg/kg
Calcium	Max. 0.5 mg/kg	Potassium	Max. 0.5 mg/kg
Iron	Max. 0.5 mg/kg		

## CONDITIONS DE STOCKAGE

L'AdBlue® not be stored at temperatures exceeding 30°C. It should be kept in clean, sealed containers, protected from direct sunlight, contamination, and extreme temperature variations to maintain product quality.



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