



SPECIAL AdBlue®



DESCRIPTION

High cleanliness, ready-to-use solution of 33 percent urea in ultra pure water. It is used as an additive in heavy duty truck and bus diesel engines that are equipped with selective catalytic reduction systems with the objective to reduce the engine nitrogen oxides.

APPLICATIONS

It is suitable for Euro IV and V (and in the future Euro VI) engines. NOT to be added in the fuel tank. It is stored in steel tanks next to the fuel tank and is sprayed directly into the exhaust gases pipe. Its consumption is 3-4% (to cover Euro IV standards) and 5-7% (to cover Euro V standards) of the fuel consumption.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS
High purity solution.
Low consumption (3-7%) depending on the desired degree of coverage of Euro requirements.
It is sprayed into the exhaust gases pipe.
In accordance with ISO 22241 "Diesel engines-NOx reduction agent AUS32".

PHYSICAL-CHEMICAL CHARACTERISTICS

CYCLON AdBlue®	METHOD	
Density at 20°C, g/cm ³	ASTM D1298	1,09
Viscosity, Dynamic (mPas) 25°C	ASTM D5293	1,4
Refractive index at 25°C	ASTM D1749-09	1,383
Alkalinity (NH ₃), %wt.		<0,1
Boiling point, °C	ASTM D1120	103
Melting point, °C		-11
pH (100g/L) at 20°C		10
Insolubles, mg/kg		<20
Aldehyde, mg/kg		<5
Appearance	-	Colorless liquid

The abovementioned characteristics represent mean values.

SPECIFICATIONS

CEFIC AUS32; ISO 22241:2019; DIN 70070