

NISOTEC AdBlue

NISOTEC AdBlue is 32,5% urea aqueous solution, essential for the correct operation of an advanced pollution control technology called Selective Catalytic Reduction (SCR) installed in the exhaust system of new vehicle with Euro 4/5/6 engines. It is a additive, needed to reduce nitrogen oxides (NOx) into elementary nitrogen (N₂), which is a natural component of the air we breath. High purity and consistent quality level of NISOTEC AdBlue is secured by production, storage and handling in accordance with the instructions of CEFIC. AdBlue is dosed independently from a special diesel heavy duty vehicles tank.

Performance Levels: DIN V 70070, ISO 22241-1, AUS32 CEFIC

Characteristics

<i>Properties</i>	<i>Units</i>	<i>Typical Values</i>	<i>Methods</i>
Colour	-	Light Blue	Visual
Density at 20 ⁰ C	g/cm ³	1,087 – 1,093	DIN EN ISO 12185
Uree Concentration	%	31,8 – 33,2	DIN V 70071 Ann. B
Index refraction at 20 ⁰ C	-	1,3814 – 1,3843	DIN V 70071 Ann. C

Storage and handling instructions

It is essential that the purity of AdBlue have to be ensured throughout the supply chain. Therefore, AdBlue have to be transported and stored in accordance with the CEFIC guidelines. AdBlue is sensitive to extreme temperatures, both hot and cold. The solution will freeze if its temperature falls below –11°C, and the urea content can decrease if stored at temperatures in excess of 35°C. However, AdBlue is not harmed by the freezing process and once thawed will retain its concentration and quality. It is necessary to ensure that the solution is not stored in direct sunlight.

Packaging

<i>0.1L</i>	<i>0.25L</i>	<i>0.5L</i>	<i>1L</i>	<i>4L</i>	<i>10L</i>	<i>60L</i>	<i>180KG</i>	<i>850KG</i>	<i>IBC</i>	<i>AC</i>
					X				X	