



## AdBlue®

### Description

AdBlue® is a 32.5% solution of high-purity urea in demineralised water.

### Application

AdBlue® is bound to use in diesel vehicles equipped with SCR to adapt the vehicle Euro IV and V emission standarts. It is carried onboard SCR-equipped vehicles in specially and separetely designed tanks. It is necessary to avoid adding fuel into AdBlue® tank.

SCR is the technology designed on refining the exhaust gases by injection of AdBlue® directly on to emission channel. This system reduces levels of NOx using ammonia as a reductant within a catalyst system. AdBlue®, as the reducing agent, reacts with NOx to convert the pollutants into nitrogen, water and tiny amounts of carbon dioxide (CO<sub>2</sub>) - natural elements common to the air we breathe everyday.

### Benefits

- It provides fuel economy nearly as %6 in Euro IV SCR-equipped vehicles rather than Euro III vehicles.
- AdBlue® is not a hazardous and dangerous substance. It is enviromently friendly.
- It is easy, safe and efficient to use.

### Performance

ISO 22241-1, DIN 70070

### Typical Specifications\*

Specifications	Unit	Limits
Urea Content	% (m/m)	31.8-33.2
Density, @ 20°C	g/ml	1.087-1.093
Refractive Index	-	1.3814-1.3843
Alkalinity as NH <sub>3</sub>	% (m/m)	max. 0.2
Biuret	% (m/m)	max. 0.3
Aldehydes	mg/kg	max. 5
Insolubles	mg/kg	max. 20

\* AdBlue® is a registered trademark of the VDA (Verband der Automobilindustrie).  
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### Packing

Plastic	18 lt
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