



# AdBlue

## Product information sheet

Effective date: 26 / 04 / 2016  
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Revisionnumber: 03

### 1.1. Product information

Trade name	AdBlue - ureasolution 32,5%
Primary Use	Intended for NO <sub>x</sub> reduction in the exhaust gasses of vehicles with diesel engines.
Productcode	2310

### 1.2. Product description

**AdBlue** is a high quality solution of 32.5 % urea and 67.5 % water, specially developed for the automotive **Selective Catalytic Reduction (SCR)** catalyst. By injecting **AdBlue** into the SCR catalyst nearly all harmful nitrogen oxides (NO<sub>x</sub>) are converted into harmless nitrogen gas and water vapour. **AdBlue** makes the catalytic process run effective and optimally. **AdBlue** is prescribed by various truck manufacturers such as Daimler and DAF. **AdBlue** meets the requirements of the standard ISO 22241-1 : 2006. **AdBlue** is an additive necessary for trucks with a SCR catalyst, trucks must meet EURO IV, EURO V and EURO VI emission standards. The use of **AdBlue** and the SCR catalyst makes a different engine configuration possible, whereby fuel saving can be realised.

When using SCR technique, a urea solution (**AdBlue**) is injected into the exhaust gases. Subsequently the mixture passes through an SCR catalyst, where urea and NO<sub>x</sub> react into nitrogen, and water (see picture below). An electronic control system continuously adjusts the injected quantity to the NO<sub>x</sub> content of the exhaust gases .

