



PENRITE

PENRITE PENBLUE

Adblue® NOX Reducing Agent

Issue: October 2016

Product Code	Pack Size	Carton Qty
PENBLUE001	1 Litre	6
PENBLUE010	10 Litre	1
PENBLUE210	210 Litre	1
PENBLUE1000LTR	1000 Litre	1



Description

Penblue Adblue® is a fully licensed and registered AdBlue® aqueous urea solution, 32.5% in weight (AUS32), mixed with demineralised water for use in selected catalyst reduction systems. It is a clear solution that is non toxic and safe to handle.

Penblue Adblue® is a reduction agent for oxides of nitrogen (NOx), required by SCR (Selective Catalytic Reduction) technology in diesel vehicles. SCR (Selective Catalytic Reduction) systems require a continuous provision of a solution of Urea at 32.5% in order to operate correctly. SCR technology has been developed to fulfil the requirements of emissions standards EURO 4 and EURO 5.

Application

Penblue AdBlue® is added to a specially designed separate storage tank on SCR-equipped vehicles and is dosed into the SCR system at a rate equivalent to 3-5% of diesel consumption. All European truck manufacturers currently offer SCR equipped models, and the future Euro VI emission standard is set to reinforce the demand for this technology. SCR systems are sensitive to potential chemical impurities in the urea solution. Therefore, it is essential to maintain high standards of AdBlue® quality according to the ISO 22241 standard.

Storage & Transport Notations

- Product is suitable for storage, in its original package, until one year from the date of manufacture, properly stored so that it does not exceed 30°C.
- The product can be corrosive for some metals and must be stored and transported using the correct materials.

Product Benefits

- Reduces the **NOx** emissions generated during the combustion process.
- **Non Toxic & Safe** to handle
- Registered and licensed product - **Adblue®**

Industry Specifications

DIN 70070

AUS 32

ISO 22241

AdBlue® is a trademark of Verband der Automobilindustrie e.V

Typical Data

Appearance	Clear liquid
Density at 20°C, kg/m ³	1090
Urea Content, %	32.5
Crystallization Point, °C	-11
Viscosity at 25°C, mPa s	1.4

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect performance. A MSDS is available on request.



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