

**USE**

Chemical product, complementary to fuel, that shall be used in diesel heavy and light vehicles equipped with SCR (selective catalytic reduction) technology in order to meet the Euro4, Euro5 and Euro6 standards.

**ADVANTAGES**

It is an additive that makes it possible to reduce the polluted exhaust fumes that increase the greenhouse effect, transforming nitrogen oxides in natural air components (elemental nitrogen and steam).

**GENERAL DATA**

CAS Number (urea): 57-13-6 (CAS: Chemical Abstracts Service)

EINECS Number (urea): 200-315-5 (EINECS: European Inventory of Existing Commercial Chemical Substances)

Tariff code: 31021010

**CHARACTERISTICS**

Physical state: Liquid

Colour: Colourless up to white

Odour: odour free or with a slight odour to ammoniac

Water solubility: Completely soluble

Composition: Urea aqueous solution

**SPECIFICATIONS**

In accordance with the ISO-22241 standard.

**EXPIRY DATE**

As long as the storage conditions follow thoroughly our instructions, we recommend the use within the maximum period of 12 months.

<b>Variables</b>	<b>Specifications</b>	<b>Units</b>
Urea	31,8 – 33,2	%(m/m)
Density (20°C)	1,0870 – 1,0930	g/cm <sup>3</sup>
Refractive index (20° C)	1,3814 – 1,3843	—
Alkalinity (NH <sub>3</sub> )	Maximum 0,2	%
Carbonates (such as CO <sub>2</sub> )	Maximum 0,2	%
Biuret	Maximum 0,3	%
Aldehyde	Maximum 5	ppm
Insoluble substances	Maximum 20	ppm
Phosphates (PO <sub>4</sub> )	Maximum 0,5	ppm
Calcium	Maximum 0,5	ppm
Iron	Maximum 0,5	ppm
Copper	Maximum 0,2	ppm
Zinc	Maximum 0,2	ppm
Chromium	Maximum 0,2	ppm
Nickel	Maximum 0,2	ppm
Aluminium	Maximum 0,5	ppm
Magnesium	Maximum 0,5	ppm
Sodium	Maximum 0,5	ppm
Potassium	Maximum 0,5	ppm

Revision number	Revision Content	Date
00	Initial preparation	02.05.2011

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