

IDENTIFICATION:

Chemical Description :	Aqueous solution of urea 32,5%
Nº CAS (urea):	57-13-6
Nº CE (EINECS) (urea):	200-315-5

APPLICATION:

Chemical product, complementary to fuel, which must be used in heavy and light diesel vehicles equipped with SCR (Selective Catalytic Reduction) technology to comply with Euro4, Euro5 and Euro6 standards.

It is an additive which makes it possible to reduce the polluting gases which contribute to the greenhouse effect, by transforming nitrogen oxides into natural components of the air (elementary nitrogen and water vapor).

NORMATIVE REFERENCES:

The product complies with standards: ISO 22241-1, ISO 22241-2, ISO 22241-3 and ISO 22241-4.

SPECIFICATION:

PARAMETERS	UNITS	SPECIFICATION
Aspect:	--	Colorless to white liquid
Odor:	--	Odorless or with a slight ammonia odor
Solubility in water:	--	Completely soluble
Urea:	% (m/m)	31,8 – 33,2
Density (20°C):	g/cm ³	1,0870 – 1,0930
Refractive index (20 °C):	--	1,3814 – 1,3843
Alkalinity (NH₃):	%	≤ 0,2
Carbonates (as CO₂):	%	≤ 0,2
Biuret:	%	≤ 0,3
Aldehyde:	ppm	≤ 5,0
Insoluble:	ppm	≤ 20,0
Phosphates (PO₄):	ppm	≤ 0,5
Calcium:	ppm	≤ 0,5
Iron:	ppm	≤ 0,5
Copper:	ppm	≤ 0,2

PARAMETERS	UNITS	SPECIFICATION
Zinc:	ppm	≤ 0,2
Chromium:	ppm	≤ 0,2
Nickel:	ppm	≤ 0,2
Aluminum:	ppm	≤ 0,5
Magnesium:	ppm	≤ 0,5
Sodium:	ppm	≤ 0,5
Potassium:	ppm	≤ 0,5

STORAGE AND EXPIRY DATE:

Store in a cool, dry and ventilated place. Provided that the storage conditions are ensured in accordance with our instructions, it is recommended to use it for a maximum period of 18 months.