

DeNOx AQUEOUS UREA (32.5 %)

Chemical name: Molecular formula: $\text{NH}_2 - \text{CO} - \text{NH}_2$
CAS No.: 57-13-6
Abbreviation: Amino methanamide solution

DESCRIPTION

Aqueous urea is a solution produced by dissolving of urea in demineralised water.

Technical quality conditions:

Characteristics	MU	Values	Testing methods
Urea content	%	32-33	U-33

Specific properties:

pH at 20 °C : 7.5 - 9.5
Melting range: -11 -12°C
Boiling range: > 100 °C
Density at 20 °C: 1.083 – 1.097 g/cm³

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

Applications:

Chemical has an application for reducing the level of NOx from flue gases which are responsible for the greenhouse effect and acid rains. It is widely used in large power generation units which burn fuels emitting large amounts of pollutants, including NOx. Urea solution as well and diluted can also be used to fertilize plants.

Packaging and storage:

Can be packed in non-pressure large bulk containers, road tankers and protected against spilling. The product should be stored in cool, in well sealed receptacles and protected from heat and direct sunlight. The recommended range of temperatures for storing is from -5°C to +25°C. Store the product only in the original receptacle.

Safety information:

Before handling and using of product , the personnel must be aware of the dangers implied. This information is available in SDS and on the product label.

Ensure good ventilation/exhaustion at the workplace.

Important:

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.



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