

UREA FORMALDEHYDE CONCENTRATE - UFC-85

Chemical name: Molecular formula: $\text{CH}_2\text{-N}(\text{CO-N-CH}_2)_n$

Abbreviation: Urea Formaldehyde Concentrate - UFC-85

DESCRIPTION

UFC-85 is a viscous liquid containing 60% formaldehyde, 25% urea and balance water. Formaldehyde is first produced by the reaction of methanol with air. This is then absorbed in urea solution to form UFC-85.

Technical quality conditions:

Characteristics	MU	Values	Testing methods
Urea	%	24.5 – 25.5	UF-24
Formaldehyde	%	59.5 - 60.5	UF-2
Water (H ₂ O)	%	Balance	calculation
Methanol	%	Max. 0.21	UF-12
pH	%	7 - 8	UF- 4

Specific properties:

Melting point: - 20 - -30°C

Boiling point: ~ 100°C

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

Applications:

For treatment of urea and as resins, adhesives in particle board, plywood and insulating materials, press fabric film, leather, ceramics, insulation foam, stabilizer in gasoline, corrosion inhibitor and in medicines.

Packaging and storage:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Protect from frost.

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.

The product shows the following dangers : toxic, corrosive , irritant.

Swallowing will lead to a strong effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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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