

Technical Data Sheet

Urea Formaldehyde Concentrate

Specifications

Property	Value	Unit
Formaldehyde	59.00 - 61.00	wt %
Urea	24.00 - 26.00	wt %

Product Features

UFC in commercial form is a clear liquid. Its principal uses are in the manufacture of thermoset resins, and various organic and agricultural chemicals. The product is usually shipped in bulk tank truck or rail car and is available from Hexion plants located throughout the U.S., Canada and Brazil.

Typical Properties

Property	Value	Unit
Storage Life @ 25°C	180	Days
Appearance	Clear Liquid	
Approximate Partial Press. HCHO @ 30°C	2	mm Hg
Approximate Partial Press. HCHO @ 35°C	3	mm Hg
Approximate Partial Press. HCHO @ 40°C	4	mm Hg
Approximate Partial Press. HCHO @ 45°C	5	mm Hg
Approximate Partial Press. HCHO @ 50°C	7	mm Hg
Approximate Partial Press. HCHO @ 60°C	12	mm Hg
Brookfield Viscosity @ 15°C	1400	cps
Brookfield Viscosity @ 20°C	1000	cps
Brookfield Viscosity @ 30°C	300	cps
Brookfield Viscosity @ 40°C	200	cps
Density @ 25°C	11.0 - 11.2	lb/gal
Flash Point (PMCC)	~ 86 Pensky Martin Closed Cup	°C
Free Methanol	0.1 - 0.3	wt %
pH @ 25°C	6.0 - 8.5	
Refractive Index @ 25°C	1.4680 - 1.4785	
Specific gravity @ 25/25°C	1.32 - 1.34	
Storage Temperature	10 - 35	°C

Handling Precautions

For more detailed information on all aspects relating to Health, Safety and Handling, reference should be made to the Safety Data Sheet for this product, which is available from your local Hexion representative or distributor.

Technical Assistance

For additional information or assistance, please contact:

Customer Service: +1 866 443 9466

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<https://hexioninternet-hexioninternet-slave.azurewebsites.net/en-US/product/urea-formaldehyde-concentrate>

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