

Technical Data Sheet

Formaldehyde 50% Solution

Specifications

Property	Value	Unit
Acidity as Formic Acid	0.050 Maximum	wt %
Color	10 Maximum	APHA
Formaldehyde	50.00 - 50.30	wt %
Methanol	1.50 Maximum	wt %

Product Features

Formaldehyde in commercial form is a colorless liquid with a pungent odor. Its principal uses are in the manufacture of thermoset resins, and various organic and agricultural chemicals. The product is usually shipped in insulated bulk tank trucks and is available from Hexion plants located throughout the U.S., Canada, Brazil and Europe.

Typical Properties

Property	Value	Unit
Appearance @ 63°C	Colorless Liquid	
Approximate Partial Press. HCHO @ 30°C	2	mm Hg
Approximate Partial Press. HCHO @ 40°C	5	mm Hg
Approximate Partial Press. HCHO @ 50°C	9	mm Hg
Approximate Partial Press. HCHO @ 60°C	17	mm Hg
Approximate Partial Press. HCHO @ 65°C	23	mm Hg
Boiling Point 760 mm Hg	102	°C
Density @ 25°C	9.55 - 9.59	lb/gal
Flash Point, Setflash	77 Closed Cup	°C
Iron	0.5 Maximum	ppm
Odor	Pungent	
Specific gravity @ 25/25°C	1.148 - 1.153	
Storage Life	30 Maximum	Days
Storage Temperature	63 - 68	°C

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<https://www.hexion.com/en-US/product/formaldehyde-50-solution>

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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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