

FORMOL (Formaldehyde)

Description/Applications

Formaldehyde aqueous solution inhibited with methanol to avoid paraformaldehyde production. It has a strong and irritating odor and colorless and limpid aspect. It is used in the production of resins: phenolic, urea-formaldehyde and melaminics. It has also applications in adhesives, fertilizers, trimethylolpropane, 1,4 butanodiol, neopentyl glycol, in the textile, leather, rubber and cement industries, as bactericidal, germicidal and disinfecting agents.

Specifications	Unit	37 % Inhibited	37 % Established	44 %	50 %
Variables	Valores				
Formaldehyde content	% weight	36,8 - 37,2	36,8 - 37,2	43,8 - 44,3	49,8 - 50,3
Acid (as Formic acid)	% weight	0,03 máx.	0,03 máx.	0,04 máx.	0,06 máx.
Methanol content	% weight	6,0 - 9,0	3,0 máx.	1,0 máx.	1,0 máx.
pH		3,0 a 4,5	3,0 - 4,5	3,0 - 4,5	3,0 - 4,5

- This product is guaranteed since it is stored and packaged as described below.

Physical Properties	Unit	Values
Chemical formula		CH ₂ O
Molecular weight		30
Ignition point:	°C	430

- The properties' values above are just for reference, and not to be considered as guaranteed parameters.

PACKAGING:

Bulk : in stainless steel (304) tank cars

STORAGE

Inhibited Formol 37 % - : in stainless steel (304) tank cars at 15 °C as minimum temperature.

Established Formol 37 % - : at 15 °C as minimum temperature. In tank cars made of stainless steel (304) or glass fibers with polyester.

Formol 44 % - : in thermal isolated tank cars made of stainless steel (304) or glass fibers with polyester. The temperature must be controlled between 50 and 55 °C

Formol 50 % - : in thermal isolated tank cars made of stainless steel (304) or glass fibers with polyester. The temperature must be controlled between 58 and 67 °C