Formaldehyde Solution 37% (Formalin)

HCHO | 37% w/w aqueous solution, low-methanol or methanol-stabilised

PRODUCT OVERVIEW

Formaldehyde solution, a broad-spectrum biocide for process, oilfield and paper-mill water and the feedstock for formaldehyde resins and chemicals. Toxic, corrosive, a skin sensitiser and an EU category 1B carcinogen: handle in closed systems with ventilation and full protective equipment.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
Formaldehyde (HCHO)	-	**36.5–37.5% w/w**	Sodium sulphite titration
Methanol	-	**1.5% max (low-methanol) or 7–12% (stabilised)**	Gas chromatography / density
Acidity (as formic acid)	-	**0.03–0.05% max**	Titration
Iron (Fe)	-	**About 1–5 mg/kg max**	Colorimetric / ICP
Ash	-	**0.005% max**	Gravimetric
Colour	-	**10 APHA (Pt-Co) max**	APHA (Pt-Co)
Density at 20 °C	-	**About 1.08–1.12 g/cm³, lower with more methanol**	Density meter
Appearance	-	**Clear, colourless liquid with a pungent odour**	Visual

SUPPLY AND PACKING

UN-approved HDPE drums, 1,000-litre IBCs and lined or stainless steel ISO tanks, shipped as class 8 dangerous goods (UN 2209, PG III; UN 1198, class 3 (8), where the flash point is 60 °C or below). FOB, CFR and CIF on request; pack sizes and loads are confirmed with each offer.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.