



Product Specification

Product Name: **FORMALDEHYDE SOLUTION 37/12 AR**

Alternate Name(s) Formalin solution, Formol, Methanal solution, Methyl aldehyde solution

Description

Colourless liquid; may become cloudy on standing; suffocating, pungent odour.

Properties

Chemical Formula: HCHO

Molecular Weight: 30.03

Product Code: FA010

CAS No.: 50-00-0

General Information:

Miscible with water.

Hazard and Safety Data

UN Group: III
Class: 3
UN Number: 1198
Hazchem code: •2W
CS MSDS Code: 1CH2T
Poison schedule: S6
Emergency
Procedure Guide No.: 19

Quality Specification

Assay: 36.5 - 38.0% HCHO

Specific Properties and Impurities [Typical levels]:

Boiling point	~96°C
Density (20°/4°)	~1.08 g/cm ³
Colour (APHA)	10
Titration acid	0.006 meq/g
Chlorides (Cl)	0.0005%
Sulfates (SO ₄)	0.002%
Heavy metals (as Pb)	0.0005%
Methanol	9-15%
Residue on ignition	0.005%
Iron (Fe)	0.0005%

CONFORMS TO ACS

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