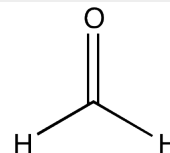


**Formaldehyde, solution 37% w/w, Pharmapur®, Ph Eur, BP, USP,
stabilized with methanol**
Identification

CH₂O
M = 30,03 g/mol
CAS [50-00-0]
EC number: 200-001-8
Taric code: 2912 11 00


Synonyms

Formalin solution, Formol, Methanal solution, Methyl aldehyde solution

Applications

disinfectant, synthesis of organic products, in embalming liquids, analytical chemistry, photography, in pharma industry.

Specifications

assay (acidimetric).....	34,5 - 38,0 %	appearance of solution.....	colourless
Identification A (USP) / C (EP).....	passes test	methanol (G.C.) (v/v).....	9,0 - 15,0 %
Identification A (EP).....	passes test	acidity.....	passes test
Identification B (USP) / B (EP).....	passes test	residue on ignition.....	max. 0,1 %

Physical data

- Density: 1,09 g/cm³
- Melting point: < -15 °C
- Boiling point: 93 - 96 °C
- Flash point: 62 °C
- Ignition temperature: ~ 300 °C (pure substance)
- Vapour pressure: 1,3 hPa (formaldehyde)
- Expl. limit (upper): 73 Vol% (formaldehyde)
- Expl. limit (lower): 7 Vol% (formaldehyde)
- pH(20 °C) 3 - 4
- Hygroscopic

Safety - GHS

Signal Word: Danger


Hazard Statements:

H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H350: May cause cancer.
H371: May cause damage to organs.

Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C9 III • UN 2209 • FORMALDEHYDE SOLUTION
- IMDG: 8 III • UN 2209 • FORMALDEHYDE SOLUTION
- IATA/ICAO: 8 III • UN 2209 • FORMALDEHYDE SOLUTION
- PAX: 818
- CAO: 820
- 10°C - 30°C