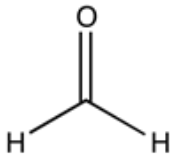
Formaldehyde, solution 30 - 36% w/w, buffered at pH = 8,1, stabilized with methanol

Identification

CH_2O
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

Specifications

assay (iodometric).....30 - 36 %

pH ..... approx. 8,1

Physical data

• Density: 1,07 g/cm3
• pH(20 ºC) 8,1

Safety - GHS

Signal Word: Danger

Hazard Statements:

H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled.
H370: Causes damage to organs.
H341: Suspected of causing genetic defects.
H350: May cause cancer.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

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