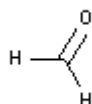


**PRODUCT CODE: 131328**

**Formaldehyde 37-38% w/w stabilized with methanol (Reag. USP) for analysis, ACS**

CH<sub>2</sub>O



M.= 30,03

CAS [50-00-0]

EINECS 200-001-8

TARIC 2912 11 00 00

**Polymerization < 15°C. The turbidity doesn't affect the product. (Filter).**

**SYNONYMS:** Formaline, Formol

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,08 • M.P.: 118 °C • B.P.: 96 - 98 °C • pH3 - 4 • n<sub>20</sub>/D : 1,3765 • Flash P.:62 °C • Ign. T.:300 °C • Expl. limit7 %(V)73 %(V) •

**BIBLIOGRAPHY:** Merck Index **12**, 4.262 13, 4.259 Sax **FMV000** • Safety **2**, **1733 C** • Römp **8**, **1353** • Kühn-Birett **F 2** • Ullmann **(5.)11**, 619 • Beilstein **1**, **558 I**, **289 II**, **615 III**, **3539 IV**, **3017** • BRN 1209228 • Fieser 1397 **2200 4312 5312 6264 7158 8231 9224 10186 11240 12232 13136 14168 15161** • ACS **XI** • ISO 6353-3/1987 R - 63, 29 • BP.**2021** • USP **42** • Ph. Eur. **9.0** (2017) **10.0** (2020) • F.U. 801 •

**HAZARDOUS:** C.E: 605-001-00-5 • RTECS: LP 8925000 • LD L0 oral wmn 108 mg/kg • LD50 oral rat 100 mg/kg • LC50 rat 203mg/m<sup>3</sup> • LD50 skn rbt 270 mg/kg • VLA-EC (Formaldehyde) 0,37 mg/m<sup>3</sup> VLA-EC (Formaldehyde) 0,3 ppm



H: H301 • H311 • H314 • H317 • H331 • H350 • H341 • H335 • H370 •

P: P260 • P301+P310 • P302+P352 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P270 • P271 • P272 • P280 • P281 • P202 • P201 • P301+P330+P331 • P261 • P264 • P501 • P308+P313 • P310 • P311 • P312 • P321 • P322 • P330 • P333+P313 • P338 • P361 • P363 • P403+P233 • P405 •

**TRANSPORT REGULATIONS:** UN: 2209 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •

**WEIGHT/VOLUME INFORMATION:** 1l~1,08 kg 1kg~0,93 l

**OBSERVATIONS:** Storage away from direct light. • Storage between 15 and 25°C •

**SPECIFICATIONS:**

Assay (Acidim.) 36,5-38,0 %

**Maximum limit of impurities**

APHA colour 10  
Acidity(as HCOOH) 0,025 %  
Insoluble matter in H<sub>2</sub>O passes test  
Residue on ignition (as SO<sub>4</sub>) 0,005 %  
Chloride (Cl) 0,0005%  
Sulfate (SO<sub>4</sub>) 0,002%  
Methanol 9,0-14,0 %  
Heavy Metals (ICP-OES) 0,0005%

**Metals by ICP [in mg/Kg (ppm)]**

Ag	1
Al	1
As	1
Au	1
B	1
Ba	1
Be	1
Bi	1
Ca	5
Cd	1
Co	1
Cr	1
Cu	1
Fe	1
Ga	1
Ge	1
Hg	1
In	1
K	10
Li	1
Mg	1
Mn	1
Mo	1
Na	10
Ni	1
P	1
Pb	1
Pt	1
S	1
Sb	1
Si	1
Sn	1
Sr	1
Ti	1
Tl	1
V	1
Zn	1
Zr	1

