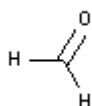




PRODUCT CODE: 131328

Formaldehyde 37-38% w/w stabilized with methanol for analysis, ACS

CH₂O



M.= 30,03

CAS [50-00-0]

EINECS 200-001-8

TARIC 2912 11 00 00

Polymerization < 15°C. Storage > 20°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 • n₂₀/D : 1,3765 • Flash P.:62 °C • Ign. T.:300 °C • Expl. limit 7 % (V) 73 % (V) •

BIBLIOGRAPHY: Merck Index **12**, 4.262 13, 4.259 Sax **FMV000** • Safety **2**, **1733 C** • Römpp **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.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • 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/m³ • LD50 skn rbt 270 mg/kg • VLA-EC (Formaldehyde) 0,37 mg/m³ VLA-EC (Formaldehyde) 0,3 ppm



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

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 • P202 • P281 • P501 •

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. •

SPECIFICATIONS:

Assay (Acidim.)	36,5-38,0 %
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Maximum limit of impurities

APHA colour	10
Acidity(as HCOOH)	0,025 %
Insoluble matter in H ₂ O	passes test
Residue on ignition (as SO ₄)	0,005 %
Chloride (Cl)	0,0005%
Sulfate (SO ₄)	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
Zr

1
1

Ed.: 7 . Vig.: 22.02.2017 .

Prod.: 131328