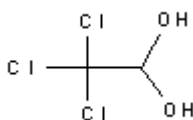


PRODUCT CODE: 141975

Chloral Hydrate pure

$C_2H_3Cl_3O_2$

$C_2H_3Cl_3O_2$



M.= 165,40

CAS [302-17-0]

EINECS 206-117-5

TARIC 2905 59 98 90

SYNONYMS: 2,2,2-Trichloro-1,1-Ethenediol, Trichloroacetaldehyde Hydrate

PHYSICAL DATA: Small crystals, White, Miscible with ethanol Hygroscopic • D 1,91 • M.P.: 57 °C • B.P.: 96 °C • pH(100 g/l)4 • Vap. press. (20 °C) 13 hPa •

BIBLIOGRAPHY: Merck Index **13**, 2.080 Sax **CDO000** • Römpp **8**, **710** • Kühn-Birett **C 12** • Beilstein **1**, **619 IV**, **3143** • BRN 1698497 • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • Royal Decree I678 •

HAZARDOUS: C.E: 605-014-00-6 • RTECS: FM 8750000 • LD L0 oral man 4 mg/kg • LD L0 oral hmn 4 mg/kg • LD50 oral rat 479 mg/kg • LD50 skn rat 3.030 mg/kg • LD50 ipr mus 580 mg/kg



H: H301 • H319 • H315 •

P: P264 • P270 • P280 • P301+P310 • P302+P352 • P501 • P305+P351+P338 • P321 • P330 • P332+P313 • P337+P313 • P362 • P405 •

TRANSPORT REGULATIONS: UN: 2811 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

SPECIFICATIONS:

Assay (Acidim.)

98,5-101,0%

pH of 10 % solution

2,8-5,5

Maximum limit of impurities

Appearance of solution	passes test
Insoluble matter in H ₂ O	passes test
Non-volatile matter	0,1 %
Darkened substances by H ₂ SO ₄	passes test
Chloride (Cl)	0,05%
Residual solvents (Ph.Eur.)	passes test
Chloral alcoholate	passes test
Heavy metals (as Pb)	0,002%