PanReac AppliChem ITW Reagents

PRODUCT CODE: 141451

Paraformaldehyde (DAC) pure, pharma grade

$(CH_2O)n$
(HCHO)n

CAS [30525-89-4] EINECS 200-001-8
TARIC 2912 60 00 00

SYNONYMS: p-Formaldehyde, Polyoxymethylene

PHYSICAL DATA: granular powder, White, Slightly soluble in cold water. Soluble in hot water. Thermal decom. above 165 °C • D 1,4 • M.P.: 160 - 165 °C • pH6 • Flash P.:71 °C • Ign. T.:460 °C • Vap. press. (25 °C) 1,93 hPa • **BIBLIOGRAPHY:** Merck Index **13,** 7.096 Sax **PAI**000 • Safety **2 , 2681 B** • Kühn-Birett **P** 54 • Ullmann **(4.)**11 , 697 • Beilstein **1 , 586 I , 289 II , 615 III ,2539 IV , 3017** • DAC (1986) , P 025 •

HAZARDOUS: RTECS: RV 0540000 • LD50 oral rat 800 mg/kg • LD L0 skn rbt 10.000 mg/kg • VLA-EC (Formaldehyde) 0,6 mg/m3 VLA-EC (Formaldehyde) 0,3 ppm

H: H302 • H318 • H332 • H315 • H350 • H317 •
P: P201 • P202 • P261 • P264 • P270 • P271 • P272 • P280 • P281 • P301+P312 • P302+P352 • P304+P340 • P305+P351+P338 • P308+P313 • P310 • P312 • P321 • P330 • P332+P313 • P333+P313 • P362 • P363 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 2213 • ADR: 4.1/III • IMDG: 4.1/III • IATA: 4.1/III • PAX: 446 • CAO: 448 • (E) •

SPECIFICATIONS:

Assay (Acidim.)	95,0-100,5%

Maximum limit of impurities

Acidity or alkalinity	passes test
Insoluble matter in NH4OH	passes test
Residue on ignition (as SO4)	0,1 %
Heavy metals (as Pb)	0,001%

Residual metals (according to EMEA/CHMP/SWP/4446/2000): No metal catalysts are used in the manufacturing process.