



PRODUCT CODE: 121660

ortho-Phosphoric Acid 50% for analysis



M.= 98,00

CAS [7664-38-2]

EINECS 231-633-2

TARIC 2809 20 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water. D 20/4 1,335 • pH(100g/l)0,5 •

BIBLIOGRAPHY: Merck Index **12**, 7.500 13, 7.430 Römp **8** , **3168** •

HAZARDOUS: C.E: 015-011-00-6 • RTECS: TB 6300000 • LD50 oral rat 1.530 mg/kg • LD50 skn rbt 2.740 mg/kg
• VLA-EC (H3PO4) 2 mg/m3 VLA-ED (H3PO4) 1 mg/m3



H: H314 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 • P321 • P338 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 1805 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,33 kg 1kg~0,75 l

SPECIFICATIONS:

Assay (Acidim.)

50-51 %

Maximum limit of impurities

AcidityVolatile (as CH ₃ COOH)	0,001%
Reducing substance to KMnO ₄ (as O)	0,001 %
Chloride (Cl)	0,0005%
Sulfate (SO ₄)	0,006%
Silicate (as SiO ₂)	0,025%
Nitrate (NO ₃)	0,0005%
As	0,0001 %
Ca	0,005 %
Cd	0,0001 %
Co	0,0001 %
Cr	0,0001 %
Cu	0,0001 %
Fe	0,001 %
K	0,0005 %
Mg	0,001 %
Mn	0,0001 %
Na	0,05 %
Ni	0,0001 %
Pb	0,0001 %
Sb	0,0002 %
Zn	0,0002 %