



PRODUCT CODE: 142175

Perchloric Acid 70% pure

HClO₄

HClO₄

M.= 100,46

CAS [7601-90-3]

EINECS 231-512-4

TARIC 2811 19 80 90

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,668 • M.P.: -18 °C • B.P.: 198 °C •

BIBLIOGRAPHY: Merck Index **12**, 7.296 13, 7.232 Sax **62144** • Safety **2**, **2726 C** • Römp **8**, **3043** • Kühn-Birett **P 7** • Fieser **1796 2309 3220 5506 6453 9279 11402** • ACS **XI** • ISO 6353/2-1983 R - 21 , 28 •

HAZARDOUS: C.E: 017-006-00-4 • RTECS: SC 7500000 • LD50 oral rat 1.100 mg/kg •



H: H271 • H314 • H290 •

P: P280 • P283 • P303+P361+P353 • P305+P351+P338 • P321 • P405 • P501 • P310 •

TRANSPORT REGULATIONS: UN: 1873 • ADR: 5.1(8)/I • IMDG: 5.1(8)/I • IATA: 5.1(8)/I • PAX: F • CAO: 553 • (B/E) •

WEIGHT/VOLUME INFORMATION: 1l-1,67 kg 1kg-0,6 l

SPECIFICATIONS:

Assay (Acidim.)	69,0-72,0 %
Residue on ignition	0,01 %
Chlorine (Cl)	0,0005%
Chloride (Cl)	0,001%
Nitrogen compounds (as N)	0,005%
Sulfate (SO ₄)	0,003%
Phosphate and Silicate (as PO ₄)	0,002%

Chlorate (ClO3)	0,005%	
As	0,0001	%
Fe	0,0005	%
Ni	0,0005	%
Pb	0,0005	%