



PRODUCT CODE: 134387

Sodium Perchlorate 1-hydrate (Reag. USP) for analysis, ACS

$\text{ClNaO}_4 \cdot \text{H}_2\text{O}$

$\text{NaClO}_4 \cdot \text{H}_2\text{O}$

M.= 140,46

CAS [7791-07-3]

EINECS 231-511-9

TARIC 2829 90 10 00

PHYSICAL DATA: crystalline powder, White, Soluble in water 2.090 g/l at 20 °C Thermal decom. above 130 °C •
Hygroscopic • pH(50 g/l)6,0 •

BIBLIOGRAPHY: Merck Index **12**, 8.798 13, 8.729 Römp **8** , **2742** • ACS **XI** •

HAZARDOUS: C.E: 017-010-00-6 • RTECS: SC 9800000 • LD50 oral rat 2.100 mg/kg •



H: H271 • H302 •

P: P210 • P220 • P221 • P264 • P270 • P501 • P280 • P283 • P301+P312 • P306+P360 • P330 • P370+P378 •
P371+P380+P375 •

TRANSPORT REGULATIONS: UN: 1502 • ADR: 5.1/II • IMDG: 5.1/II • IATA: 5.1/II • PAX: 558 • CAO: 562 • (E)
•

SPECIFICATIONS:

Assay (Arg.)

98,0-102,0%

pH of 5% solution

6,0-8,0

Maximum limit of impurities

Insoluble matter in H2O	0,005 %
Chloride (Cl)	0,003%
Nitrogen compounds (as N)	0,001%
Phosphate (PO4)	0,001 %
Sulfate (SO4)	0,002%
Chlorate (ClO3)	0,05%
Heavy Metals (ICP-OES)	0,0005 %
Ca	0,005 %
Cd	0,0005 %
Co	0,0005 %
Cu	0,0005 %
Fe	0,0005 %
K	0,01 %
Mg	0,005 %
Mn	0,0005 %
Ni	0,0005 %
Pb	0,0005 %
Zn	0,0005 %