



PRODUCT CODE: 131779

Zinc Chloride for analysis, ACS

Cl_2Zn

ZnCl_2

M.= 136,28

CAS [7646-85-7]

EINECS 231-592-0

TARIC 2827 39 85 90

PHYSICAL DATA: granular powder, White, Soluble in water 3.680 g/l at 20 °C Hygroscopic • D 2,91 • M.P.: 290 °C • B.P.: 730 °C • pH(100g/l)5 •

BIBLIOGRAPHY: Merck Index **12**, 10.261 13, 10.185 Safety **2**, **3629 D** • Römp **8**, **4709** • Kühn-Birett **Z 4** • Fieser **11289 2464 3338 5764 6676 8536 9522 10461 11602 12574 13349 15368 16391** • ACS **XI** • ISO 6353/3-1987 R - 96, 75 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.6 • Royal Decree **I714** • BRETH: 987, JP XIII, 936 •

HAZARDOUS: C.E: 030-003-00-2 • RTECS: ZH 1400000 • LD50 oral rat 350 mg/kg • TC L0 man 4800mg/m3 / 30 min • LC L0 rat 1960mg/m3 / 10 min • LC L0 rat 1960mg/m3 / 10 min • LD50 ipr mus 24 mg/kg VLA-EC 2 mg/m3 VLA-ED 1 mg/m3



H: H302 • H314 • H410 •

P: P260 • P264 • P270 • P273 • P280 • P301+P312 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P330 • P338 • P363 • P391 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 2331 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 860 • CAO: 864 • (E) •

SPECIFICATIONS:

Minimum assay (Arg.)

97,0%

Maximum limit of impurities

Insoluble matter in HCl	0,005 %
Ammonium (NH ₄)	0,005%
Sulfate (SO ₄)	0,01%
Nitrate (NO ₃)	0,003%
Oxychloride	passes test
Ca	0,06 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0005 %
Fe	0,001 %
K	0,02 %
Mg	0,005 %
Mn	0,001 %
Na	0,05 %
Ni	0,0005 %
Pb	0,001 %