



PRODUCT CODE: 131787

Zinc Sulfate 7-hydrate for analysis, ACS

$O_4SZn.7H_2O$

$ZnSO_4.7H_2O$

M.= 287,54

CAS [7446-20-0]

EINECS 231-793-3

TARIC 2833 29 20 00

SYNONYMS: White Vitriol

PHYSICAL DATA: Small crystals, White, Soluble in water 960 g/l at 20 °C Hygroscopic • D 1,957 • M.P.: 100 °C • pH4 - 6 •

BIBLIOGRAPHY: Merck Index **13**, 10.213 Sax **ZNJ000** • Safety **2** , **3632 B** • Römp **8** , **4713** • ACS **XI** • ISO 6353/3-1987R - 97 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** •

HAZARDOUS: C.E: 030-006-00-9 • RTECS: ZH 5300000 • LD L0 oral rbt 1.914 mg/kg • LD50 oral rat 2.150 mg/kg • LD50 ipr mus 75 mg/kg



H: H302 • H318 • H410 •

P: P264 • P270 • P273 • P280 • P301+P312 • P305+P351+P338 • P310 • P330 • P391 • P501 •

TRANSPORT REGULATIONS: UN: 3077 • ADR: 9/III • IMDG: 9/III • IATA: 9/III • PAX: 956 • CAO: 956 • (E) •

OBSERVATIONS: Not recommended in areas with a very hot climate •

SPECIFICATIONS:

Assay (Compl.)

99,5-103,0%

pH of 5% solution 4,4-6,0

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Chloride (Cl)	0,0005%
Nitrogen compounds (as N)	0,0005%
As	0.00005%

Metals by ICP [in mg/Kg (ppm)]

Al	5
Bi	5
Ca	10
Cd	10
Co	5
Cr	5
Cu	5
Fe	5
Hg	5
K	50
Mg	10
Mn	3
Na	50
Ni	5
Pb	20
Sr	5