



**PRODUCT CODE: 201787**

**Zinc Sulfate 7-hydrate (F.C.C.) food grade**

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$O_4SZn.7H_2O$

$ZnSO_4.7H_2O$

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 (as  $ZnSO_4.7H_2O$ )

99,0-108,7%

Identity :

Identity Zinc

passes test

Identity Sulfate	passes test
Appearance	passes test
Acidity	passes test
Alkalis and alkaline-earths, not more than	0,5%
Arsenic, not more than	3 ppm
Cadmium, not more than	2 ppm
Mercury, not more than	1 ppm
Lead, not more than	4 ppm
Selenium, not more than	0,003%

## **Specifications F.C.C. 11**

**For use in foodstuffs according to F.C.C.**

Ed.: 16 . Vig.: 28.02.2014 .

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