

**PRODUCT CODE: 201396****Magnesium Chloride 6-hydrate (E-511, F.C.C.) food grade**

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 $\text{Cl}_2\text{Mg} \cdot 6\text{H}_2\text{O}$  $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ 

M.= 203,30

CAS [7791-18-6]

EINECS 232-094-6

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**PHYSICAL DATA:** Small crystals, White, Soluble in water 1.670 g/l at 20 °C Thermal decom. above 117 °C • D 20/4 1,57 • M.P.: 117 °C • pH5,0 - 6,5 •

**BIBLIOGRAPHY:** Merck Index **13**, 5.684 Sax **MAE500** • Römp **8**, **2453** • Fieser **10251** • ACS **XI** • ISO 6353/2-1983R - 16, 22 • BP.**2018** 2018 • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 DAB 10 •

**HAZARDOUS:** RTECS: OM 2975000 • LD50 oral rat 8.100 mg/kg • LD50 ipr mus 775 mg/kg

**SPECIFICATIONS:**

Assay ( $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ )	99,0-105,0%
Identity :	
Identity Magnesium	passes test
Identity Chloride	passes test
Appearance	passes test
Sulfate ( $\text{SO}_4$ ) , not more than	0,03%
Ammonium, not more than	0,005%
Arsenic, not more than	3 ppm
Mercury, not more than	1 ppm
Lead, not more than	2 ppm

**Specifications Regulation (UE) nº 231/2012, F.C.C. 11, R.D. 1466/2009**

**For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.**

Ed.: 6 . Vig.: 27.11.2012 .

Prod.: 201396