# Magnesium Sulphate

## 1. IDENTIFICATION

CHEMICAL NAME: Magnesium sulphate heptahydrate

CHEMICAL FORMULA: $MgSO_4.7H_2o$

CAS No.: 10034-99-8

EINECS No.: 231-298-2

MOLECULAR WEIGHT: 246,48

## 2. FEATURES

| METHOD | DETERMINATIONS | VALUE | UNITS | TOLERANCE |
|---|---|---|---|---|
| (*) | $MgSO_4$ content | 48 | % w/w | Minimum |
| Visual | Aspect | White crystals | - | - |
| - | $MgSO_4.7H_2O$ content | 99 | % w/w | - |
| - | MgO content | 16 | % w/w | - |
| - | $SO_3$ content | 32 | % w/w | - |
| - | Mg content | 9.5 | % w/w | - |
| - | Humidity content | 51 | % w/w | - |
| - | $K_2SO_4$, CaSO4, KCl, NaCl | 0,1 | % w/w | - |
| - | pH (10 % solution, 20ºC) | 7 | - | - |
| - | Volumetric Weight | 0.95 | $g/cm^3$ | - |
| - | Saturation point at 20 ºC | 25.8 | % w/w ($MgSO_4$) | - |

(*) The parameter values specified are guaranteed by analysis methods of our product supplier / service.

## 3. APPLICATION

- Textile Industry
- Ceramics and Refractory Industry
- Paper Industry
- Detergents Industry

## 4. PRESENTATION

The product is marketed in:

- Bags of 25 Kg
- Big – Bags of 500 Kg