

## Magnesium Sulphate

### Technical Data

This document was revised on 6<sup>th</sup> July 2015 and supersedes all earlier versions.

#### Product Description

Free flowing crystals of Magnesium Sulphate Heptahydrate.

#### Chemical Analysis

|                                 |                                      |         |
|---------------------------------|--------------------------------------|---------|
| Magnesium Sulphate Heptahydrate | MgSO <sub>4</sub> .7H <sub>2</sub> O | Min 98% |
| Magnesium Oxide                 | MgO                                  | Min 16% |

#### Minor Constituents (Typical)

|                                       |  |           |
|---------------------------------------|--|-----------|
| Potassium Sulphate + Calcium Sulphate | K <sub>2</sub> SO <sub>4</sub> + CaSO <sub>4</sub> | 0.15%     |
| Potassium Chloride + Sodium Chloride  | KCl + NaCl   | 0.15%     |
| Lead                                  | Pb   | 0.08 ppm  |
| Cadmium                               | Cd   | 0.01 ppm  |
| Nickel                                | Ni   | 0.60 ppm  |
| Chromium                              | Cr   | 0.13 ppm  |
| Arsenic                               | As   | 0.05 ppm  |
| Mercury                               | Hg   | 0.04 ppm  |
| Copper                                | Cu   | 0.21 ppm  |
| Zinc                                  | Zn   | 0.36 ppm  |
| Vanadium                              | V  | 0.04 ppm  |
| Molybdenum                            | Mo   | 0.08 ppm  |
| Cobalt                                | Co   | 0.02 ppm  |
| Selenium                              | Se   | 0.20 ppm  |
| Water Insolubles                      |  | 0.01% Max |

#### Typical Physical Properties

|              |                       |
|--------------|-----------------------|
| Bulk Density | 818 kg/m <sup>3</sup> |
|--------------|-----------------------|