

## Product Datasheet

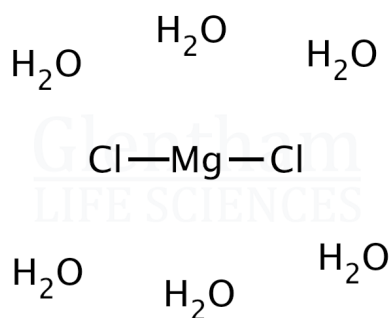
### GK0382 - Magnesium chloride hexahydrate, BP, Ph. Eur. grade

#### Product Details

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Product Name       | Magnesium chloride hexahydrate, BP, Ph. Eur. grade                      |
| Glenthams Code     | GK0382                                                                  |
| CAS Number         | 7791-18-6                                                               |
| EINECS             | 232-094-6                                                               |
| Numéro MDL         | MFCD00149781                                                            |
| PubChem SID        | 310275960                                                               |
| Related Categories | Raw Materials (IVD), Reagents for Cell Culture, Inorganics, Metal Salts |

#### Structure

|                   |                                             |
|-------------------|---------------------------------------------|
| Molecular Weight  | : 203.30                                    |
| Molecular Formula | : $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ |



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

|                                |                                                                |
|--------------------------------|----------------------------------------------------------------|
| Physical Description           | : White crystalline powder or colourless crystals, hygroscopic |
| Assay                          | : 99.0 - 101.0 % ( $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ ) |
| Identification                 | : BP, Ph. Eur.                                                 |
| Acidity or Alkalinity          | : BP, Ph. Eur.                                                 |
| Appearance of Solution         | : Clear and colourless                                         |
| Bromides                       | : $\leq 0.05\%$                                                |
| Sulphates                      | : $\leq 0.01\%$                                                |
| Aluminium                      | : $\leq 0.0001\%$                                              |
| Arsenic                        | : $\leq 0.0002\%$                                              |
| Calcium                        | : $\leq 0.1\%$                                                 |
| Heavy Metals                   | : $\leq 0.001\%$                                               |
| Iron                           | : $\leq 0.001\%$                                               |
| Potassium (K)                  | : $\leq 0.05\%$                                                |
| Water                          | : 51.0 - 55.0 %                                                |
| Pharmacopoeia Specification(s) | : BP, Ph. Eur.                                                 |
| Version                        | : v1.0                                                         |

#### About Magnesium chloride hexahydrate, BP, Ph. Eur. grade

No further details on record.

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