

## Product Datasheet

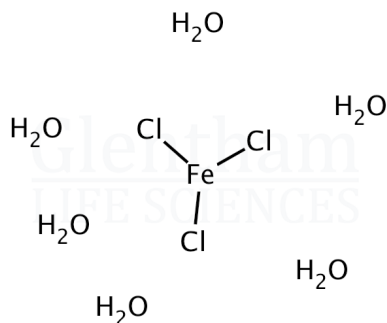
### GK2102 - Iron(III) chloride hexahydrate, 99%

#### Product Details

|                    |                                     |
|--------------------|-------------------------------------|
| Product Name       | Iron(III) chloride hexahydrate, 99% |
| Glenthams Code     | GK2102                              |
| CAS Number         | 10025-77-1                          |
| EINECS             | 231-729-4                           |
| Related Categories | Inorganics, Metal Salts             |

#### Structure

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Molecular Weight  | : 270.30                                           |
| Molecular Formula | : $\text{Cl}_3\text{Fe} \cdot 6\text{H}_2\text{O}$ |



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| CLP Classification  | Skin Irr. 2, Acute Tox. 4, Eye Dam. 1, Met. Corr. 1 |
| Signal Word         | Danger                                              |
| Hazard Codes        | H315, H302, H318, H290                              |
| Precautionary Codes | P305+P351+P338, P280, P310, P301+P312               |

#### Pictograms



UN Number, Class, PG (RID)

UN3260 - 8 - PG III

#### Glenthams Product Specification

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| Physical Description         | : Yellow to orange or brown granules or lumps                         |
| Insoluble Matter             | : $\leq 0.1\%$ (10 g in 50 ml $\text{H}_2\text{O}:\text{HCl}$ (49:1)) |
| Acidity (as HCl)             | : $\leq 0.8\%$                                                        |
| Iron ( $\text{Fe}^{2+}$ )    | : $\leq 0.9\%$                                                        |
| Assay (iodometric titration) | : 99.0 - 102.0 %                                                      |
| Version                      | : v1.0                                                                |

#### About Iron(III) chloride hexahydrate, 99%

No further details on record.

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