### GRM6353 Ferric chloride hexahydrate, Hi-AR™/ACS

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>GRM6353</td>
<td>500G</td>
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<tr>
<td>GRM6353</td>
<td>5KG</td>
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</tbody>
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#### Product Information
- **Product Code**: GRM6353
- **Product Name**: Ferric chloride hexahydrate, Hi-AR™/ACS
- **Synonym**: Iron(III) chloride hexahydrate
- **Molecular Formula**: FeCl₃·6H₂O
- **Molecular Weight**: 270.30
- **CAS No.**: 10025-77-1
- **EC No.**: 231-729-4
- **HS Code**: 2827 39 20
- **Shelf Life**: 4 years

#### Technical Specification
- **Appearance**: Yellow to orange-yellow to brownish yellow very hygroscopic crystals or mass or lumps
- **Solubility**: 33.3 mg soluble in 1 mL of conc. hydrochloric acid
- **Acidity (HCl)**: <= 0.5%
- **Free Chlorine**: Passes test
- **Insoluble matter**: <= 0.003%
- **Lead (Pb)**: <= 0.005%
- **Sulphate (SO₄)**: <= 0.01%
- **Magnesium (Mg)**: <= 0.03%
- **Copper (Cu)**: <= 0.003%
- **Ferrous Iron (Fe²⁺)**: <= 0.015%
- **Zinc (Zn)**: <= 0.01%
- **Assay (Iodometry)**: 99.00 - 102.00%

#### GHS Safety Information
- **Hazard Statement(s)**: H290-H302-H315-H318
- **Precautionary Statement(s)**: P280-P305+P351+P338
- **Signal Word**: Danger
- **Hazard Pictogram(s)**: ![](image)

#### Risk and Safety Information
- **R-Phrase(s)**: 22-36-41
- **S-Phrase(s)**: 26-36
- **WGK**: 1
- **RTECS**: NO5425000
**Product Information**

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| **Storage Temperature(°C)** | Store below 30°C  
| **Hazard Symbol(s)** | ![Hazard Symbol](image)  

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<tr>
<th><strong>Transport Information</strong></th>
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| UN No.                   | 3260  
| Class                    | 8  
| Packaging Group          | 3  
| Marine Pollutant         | No  
| ADR/RID                  | 3260 8/PG3  
| IMDG                     | 3260 8/PG3  
| IATA                     | 3260 8/PG3  

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