## Product Information

**Product Number** | **Packing**  
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GRM10045 | 500G  

### Product Information

| **Product Code** | GRM10045  
| **Product Name** | di-Ammonium hydrogen citrate, Hi-AR™/ACS  
| **Molecular Formula** | C₆H₁₄N₂O₇  
| **Molecular Weight** | 226.18  
| **CAS No.** | 3012-65-5  
| **EC No.** | 221-146-3  
| **HS Code** | 2918 15 00  
| **Shelf Life** | 4 years  

### Technical Specification

- **Appearance**: White crystals or powder or chunks
- **Solubility**: 100 mg soluble in 1 mL of water
- **pH (1 M in water at 25°C)**: 4.0 - 5.5
- **Chloride (Cl)**: \(<=0.0005\%
- **Iron (Fe)**: \(<=0.0005\%
- **Sulfate (SO₄)**: \(<=0.005\%
- **Phosphate (PO₄)**: \(<=0.0005\%
- **Residue on ignition**: \(<=0.01\%
- **Water insoluble Matter**: \(<=0.005\%
- **Heavy metals (as Pb)**: \(<=0.0005\%
- **Assay (NaOH-back Titration)**: 99.00 - 103.00\%

### GHS Safety Information

- **Hazard Statement(s)**: H319-H335
- **Precautionary Statement(s)**: P261-P305+P351+P338
- **Signal Word**: Warning
- **Hazard Pictogram(s)**

### Risk and Safety Information

- **R-Phrase(s)**: 36/37
- **S-Phrase(s)**: 26
- **WGK**: 3
- **RTECS**: GE7545000
- **Storage Temperature(°C)**: Store below 30°C
- **Hazard Symbol(s)**
<table>
<thead>
<tr>
<th>Product Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Pollutant</td>
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</tr>
<tr>
<td>ADR/RID</td>
<td>Not Dangerous Goods</td>
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<td>Not Dangerous Goods</td>
</tr>
<tr>
<td>IATA</td>
<td>Not Dangerous Goods</td>
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</tbody>
</table>

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