## Product Information

**GRM1370**  
**EDTA disodium salt dihydrate, Hi-AR™**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tbody>
<tr>
<td>GRM1370</td>
<td>100G</td>
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<tr>
<td>GRM1370</td>
<td>1KG</td>
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<tr>
<td>GRM1370</td>
<td>500G</td>
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<tr>
<td>GRM1370</td>
<td>5KG</td>
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</tbody>
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### Product Information
- **Product Code**: GRM1370
- **Product Name**: EDTA disodium salt dihydrate, Hi-AR™
- **Synonym**: Ethylenediaminetetraacetic acid disodium salt dihydrate, Hi-AR™
- **Molecular Formula**: C₁₀H₁₄N₂Na₂O₈·2H₂O
- **Molecular Weight**: 372.24
- **CAS No.**: 6381-92-6
- **EC No.**: 205-358-3
- **HS Code**: 2922 49 85
- **Shelf Life**: 4 years

### Technical Specification
- **Appearance**: White crystals or powder
- **Solubility**: 33.3 mg soluble in 1 mL of water
- **pH (5% in water at 25°C)**: 4.00 - 6.00
- **Chloride (Cl)**: \(\leq 0.004\%
- **Lead (Pb)**: \(\leq 0.0005\%
- **Magnesium (Mg)**: \(\leq 0.001\%
- **Potassium (K)**: \(\leq 0.002\%
- **Iron (Fe)**: \(\leq 0.0005\%
- **Water insoluble matter**: \(\leq 0.003\%
- **Sulfate (SO₄)**: \(\leq 0.02\%
- **Copper (Cu)**: \(\leq 0.0001\%
- **Nitrilotriacetate [N(CH₂COO)]₃**: \(\leq 0.025\%
- **Loss on drying (at 150°C, 6 hr)**: 7.00 - 11.0%
- **Assay (ZnCl₂ Titration on dry basis)**: 99.50 - 101.50%

### Risk and Safety Information
- **WGK**: 2
- **RTECS**: AH4410000
- **Flash Point(°F)**: >212 °F
- **Flash Point(°C)**: >100 °C
- **Storage Temperature(°C)**: Store below 30°C

### Transport Information
- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods

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<table>
<thead>
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<th>IMDG</th>
<th>Not Dangerous Goods</th>
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