GRAVEX®
GR 1-0 US
HYDROXIDE FORM

<table>
<thead>
<tr>
<th>SPEC NO</th>
<th>GTS-10-US</th>
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<tbody>
<tr>
<td>REV NO</td>
<td>2</td>
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<tr>
<td>DATE</td>
<td>January 9, 2004</td>
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<tr>
<td>QA APPROVAL</td>
<td>Keith Platoff</td>
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</tbody>
</table>

**PROPERTIES**

- **Resin Type**: Strongly Basic Type I Anion Exchange Resin
- **Functionality**: Quaternary Ammonium
- **Matrix**: Styrene-Divinylbenzene
- **Total Exchange Capacity**: 1.1 meq/mL (min)
- **Water Retention**: 42 – 50% Cl Form
- **Percent of Sites**: 97% Hydroxide (min)
- **0.5% Chloride** (max)
- **Particle Size**: 600 +/- 50 µm Mean Size
- **Friability**: 350 g average (min)
- **95% > 200 g** (min)
- **Whole Uncracked Beads**: 95% (min)
- **Metals (mg/dry kg)**:
  - Sodium: 50 (max)
  - Iron: 50 (max)
  - Copper: 10 (max)
  - Aluminum: 50 (max)
- **Shipping Weight**: 40 lbs/ft³ (641 g/L)