### CMS461  Gentamicin sulphate

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS461</td>
<td>1G</td>
</tr>
<tr>
<td>CMS461</td>
<td>5G</td>
</tr>
</tbody>
</table>

#### Product Information
- **Product Code**: CMS461
- **Product Name**: Gentamicin sulphate
- **CAS No.**: 1405-41-0
- **EC No.**: 215-778-9
- **HS Code**: 2941 90 00
- **Shelf Life**: 3 years

#### Technical Specification
- **Appearance**: White to off-white hygroscopic powder
- **Solubility**: 100 mg soluble in 1 mL of water
- **pH (4% in water at 25°C)**: 3.50 - 5.50
- **Potency**: min. 590 µg/mg
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Specific rotation \([\alpha 25/D]\)**: +107.0° to +121.0° (c = 10 in water; on anhydrous basis)
- **Water (K. F.)**: <= 15.0%
- **Sulphate (on anhydrous basis)**: 32.00 - 35.00 %

#### GHS Safety Information
- **Hazard Statement(s)**: H317-H334
- **Precautionary Statement(s)**: P261-P280-P342+P311
- **Signal Word**: Danger
- **Hazard Pictogram(s)**

#### Risk and Safety Information
- **R-Phrase(s)**: 42/43
- **S-Phrase(s)**: 22-36/37-45
- **WGK**: 2
- **RTECS**: LY2625000
- **Storage Temperature(°C)**: Store at 2 - 8°C
- **Hazard Symbol(s)**
## Transport Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Pollutant</td>
<td>No</td>
</tr>
<tr>
<td>ADR/RID</td>
<td>Not Dangerous Goods</td>
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<tr>
<td>IMDG</td>
<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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