### Product Information

**RM8086**  
**2-Chloro-4-nitroaniline**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>RM8086</td>
<td>250G</td>
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</tbody>
</table>

#### Product Information

- **Product Code**: RM8086  
- **Product Name**: 2-Chloro-4-nitroaniline  
- **Synonym**: 1-Amino-2-chloro-4-nitrobenzene  
- **Molecular Formula**: C<sub>6</sub>H<sub>5</sub>ClN<sub>2</sub>O<sub>2</sub>  
- **Molecular Weight**: 172.57  
- **CAS No.**: 121-87-9  
- **EC No.**: 204-502-2  
- **HS Code**: 2921 42 00  
- **Shelf Life**: 4 years

#### Technical Specification

- **Appearance**: Yellow to orange crystals or powder or chunks  
- **Solubility**: 33.3 mg soluble in 1 mL of alcohol  
- **FTIR (KBr disc)**: Matches with the standard pattern  
- **Melting range**: 105 - 108°C  
- **Assay (GC)**: 98.50 - 101.50 %

#### GHS Safety Information

- **Hazard Statement(s)**: H302-H411  
- **Precautionary Statement(s)**: P273  
- **Signal Word**: Warning  
- **Hazard Pictogram(s)**: ![Warning](image)

#### Risk and Safety Information

- **R-Phrase(s)**: 22-51/53  
- **S-Phrase(s)**: 22-24-61  
- **WGK**: 3  
- **RTECS**: BX1400000  
- **Flash Point(°F)**: 379.4 °F  
- **Flash Point(°C)**: 193 °C  
- **Storage Temperature(°C)**: Store below 30°C  
- **Hazard Symbol(s)**: ![Dangerous for the environment](image), ![Harmful](image)

#### Transport Information

- **UN No.**: 2237  
- **Class**: 6.1
<table>
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<tr>
<td>Packaging Group     : 3</td>
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<tr>
<td>Marine Pollutant    : YES</td>
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<tr>
<td>ADR/RID             : 2237 6.1/PG 3</td>
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<td>IMDG                : 2237 6.1/PG 3</td>
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<td>IATA                : 2237 6.1/PG 3</td>
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