# Product Information

**Revision:** 00  
**Date of Revision:** 05.11.2016

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## Metanil yellow, Practical grade

### GRM 954

#### Product Identifier

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS No.</td>
<td>587-98-4</td>
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<tr>
<td>EC No.</td>
<td>209-608-2</td>
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<td>C.I. No.</td>
<td>13065</td>
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<tr>
<td>Molecular Formula</td>
<td>C₁₈H₁₄N₃NaO₃S</td>
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<tr>
<td>Molecular Weight</td>
<td>375.38</td>
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<tr>
<td>Synonym</td>
<td>Acid Yellow 36</td>
</tr>
<tr>
<td>HS Code</td>
<td>3212 90 90</td>
</tr>
<tr>
<td>Storage</td>
<td>Below 30°C</td>
</tr>
<tr>
<td>Shelf life</td>
<td>4 years</td>
</tr>
</tbody>
</table>

#### Technical Specification

- **Appearance**: Gold to orange powder
- **Solubility**: 33.3 mg soluble in 1 mL of methanol
- **Visual pH transition**: pH 1.20 (dark red or pink) - pH 2.70 (yellow)
- **FTIR**: Matches with the standard pattern
- **Absorption maxima (20 ppm in methanol)**: 415 - 419 nm
- **Dye content**: ~70%

#### Safety Information

- **Hazard Pictogram(s)**: ![Warning](image)
- **Signal Word**: Warning
- **Hazard Statement(s)**: H317
- **Precautionary Statement(s)**: P280
- **UN No.**: Not dangerous goods
- **Class**: -
- **Packing Group**: -
- **RTECS**: DB7329500
- **WGK**: 2

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