# Product Specification

## GLYOXYLIC ACID SOLUTION 50% FOR SYNTHESIS

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>839850</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNONYMS</td>
<td>Glyoxalic acid</td>
</tr>
<tr>
<td>C.I. NO.</td>
<td>--</td>
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<tr>
<td>CASR NO.</td>
<td>(298-12-4)</td>
</tr>
<tr>
<td>ATOMIC OR MOLECULAR FORMULA</td>
<td>--</td>
</tr>
<tr>
<td>ATOMIC OR MOLECULAR WEIGHT</td>
<td>--</td>
</tr>
<tr>
<td>PROPERTIES</td>
<td>--</td>
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</tbody>
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### PARAMETER | LIMIT
---|---
Description | Clear colourless to very slightly yellow solution.
Solubility | Miscible with water.
Concentration | 50%(w/w) in H₂O
Wt. per ml at 20°C | 1.32-1.40 g
Boiling range | 109-113°C

Note(s): Assay (if applicable) method mentioned.

### WARNING

**HAZARD DANGER** Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

### PRECAUTIONARY STATEMENTS

**Prevention:** Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position. comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use.

**Disposal:** The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s):

- [GH305]
- [GH307]

**MDG Code:** --

**UN No.:** --

**IATA:** --