# 2,4-DBAL

2,4-Dimethylbenzaldehyde (C₉H₁₀O)

## Description
Additives for resins, Agricultural intermediate, Flavor and Fragrance

## Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, (Visual)</td>
<td>Colorless liquid</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>134.2</td>
</tr>
<tr>
<td>Purity, %</td>
<td>99.7</td>
</tr>
<tr>
<td>Color, (HAZEN)</td>
<td>10</td>
</tr>
<tr>
<td>Boiling point, °C</td>
<td>215 - 216</td>
</tr>
<tr>
<td>Melting point, °C</td>
<td>-11</td>
</tr>
<tr>
<td>Vapor pressure, 25 °C, mmHg</td>
<td>0.3</td>
</tr>
<tr>
<td>Acid value, mgKOH/g</td>
<td>0.1</td>
</tr>
<tr>
<td>Specific gravity, 20 °C</td>
<td>1.016</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic odor</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in ethanol, ether and toluene Insoluble in water</td>
</tr>
</tbody>
</table>

## Specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity, GC, %</td>
<td>98 min</td>
</tr>
<tr>
<td>Color, (Spectrophotometry, HAZEN)</td>
<td>50 max</td>
</tr>
<tr>
<td>Acid value, (Titration), mgKOH/g</td>
<td>1.5 max</td>
</tr>
</tbody>
</table>

## Container Information
Available in 200 kg steel drums.

## Safety & Handling
Avoid breathing vapor and direct contact with skin, eyes and clothing. Always refer to the MSDS for detailed safety information.

## Contact Information
Email: abal@mgc.co.jp  
Website: www.mgc.co.jp

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