*para* Anisic aldehyde

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### Synonyms

- *p*-Anisaldehyde; 4-Methoxybenzaldehyde; 4-Anisaldehyde; 4-Methoxybenzaldehyde
- *p*-Formylanisole; *p*-Methoxybenzaldehyde

### Chemical structure and identity

![Chemical structure of para Anisic aldehyde](image)

<table>
<thead>
<tr>
<th>Molecular formula</th>
<th>C₈H₈O₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular weight</td>
<td>136.15</td>
</tr>
<tr>
<td>CAS number</td>
<td>123-11-5</td>
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<tr>
<td>EINECS number</td>
<td>204-602-6</td>
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<td>HS code</td>
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</tbody>
</table>

### Specifications

- **Appearance**: Colourless to pale-yellow liquid
- **Purity (by GC)**: 99% minimum
- **Moisture (by KF)**: 0.1% maximum
- **Acid value**: 5 mg KOH/g maximum
- **Colour (APHA)**: 100 maximum

### Physical properties

- **Specific gravity**: 1.119 to 1.122 at 25°C
- **Boiling point**: 248°C to 249°C at 760 mm Hg
- **Miscibility**: Miscible with ether and alcohol

### Description

*para* Anisic aldehyde is colourless to pale-yellow liquid at ambient temperature.

### Applications

Intermediate for chemicals, perfumery applications, pharmaceuticals and sunscreen products.

### Packaging

*para* Anisic aldehyde is available in 225 kg GI drums, road tankers and ISO tanks.

### Shelf life

12 months from the date of manufacturing

### Storage and handling

Keep containers tightly sealed, store at ambient temperature under inert atmosphere and in a well-ventilated area to avoid colouration. Store containers away from heat, direct sunlight and oxidising agents. Avoid contact with eyes, skin and clothing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.
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**Safety**

Wear a self-contained breathing apparatus or respiratory protective device, if necessary. Wash hands thoroughly after handling this product. Keep material away from foodstuffs, beverages and feed. Wear protective gloves and safety goggles. Always refer to the SDS for detailed information on safety.

**First aid**

**Eye contact:** Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

**Skin contact:** Wash the affected area thoroughly with soap and water. Immediately remove clothing contaminated by the product. Consult a physician.

**Ingestion:** Avoid ingestion. Never give anything by mouth to an unconscious person. Rinse mouth with water and consult a physician immediately.

**Inhalation:** Avoid inhalation. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

**Spills and disposal**

In case of spillage and/or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Do not allow the spilled material to enter sewers, surface or groundwater. Do not dispose material together with household garbage. Dispose of the contents/container(s) in accordance with local, regional, national or international regulations/guidelines as applicable.

**Contact**

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