### 1,2,4-TRICHLOROBENZENE FOR SYNTHESIS

<table>
<thead>
<tr>
<th><strong>PRODUCT CODE</strong></th>
<th>246695</th>
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<tbody>
<tr>
<td><strong>SYNONYMS</strong></td>
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<td><strong>C.I. NO.</strong></td>
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<td><strong>CASR NO.</strong></td>
<td>(120-82-1)</td>
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<td><strong>ATOMIC OR MOLECULAR FORMULA</strong></td>
<td>C₆H₄Cl₃</td>
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<tr>
<td><strong>ATOMIC OR MOLECULAR WEIGHT</strong></td>
<td>181.45</td>
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#### PROPERTIES
- Toxic by ingestion and inhalation.

#### PARAMETER | LIMIT
--- | ---
Description | Clear and colourless liquid, (20 APHA max.)
Solubility | Miscible with ether, benzene and carbon disulphide.
Minimum assay (GC) | 99.0%
Wt. per ml at 20°C | 1.454 – 1.455 g
Refractive index (n)²⁰ₑ | 1.571 – 1.572
Boiling range | 212-214 °C

#### MAXIMUM LIMIT OF IMPURITIES
- Water: 0.05%
- 1,2,3-trichlorobenzene: 1.0%

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

#### HAZARD WARNING
- Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

#### 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. 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. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re-use. Wash contaminated clothing before reuse. Collect spillage.

- Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

**Hazard Pictogram(s):**
- GHS07
- GHS09