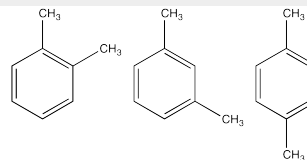


**Identification**

$C_8H_{10}$   
 M = 106,17 g/mol  
 CAS [1330-20-7]  
 EC number: 215-535-7  
 Taric code: 2902 44 00


**Synonyms**

Dimethylbenzene, Xylol





**Applications**

synthesis of organic products, solvents, manufacture of dyes.

**Specifications**

total isomer content (G.C.) .....	min. 99 %	residue on evaporation.....	max. 0,003 %
density (20°/4°).....	0,863 - 0,865	water (K.F.).....	max. 0,05 %

**Packaging**
**Packaging Code**

1 l  XI00501000  
 2,5 l  XI00502500  
 5 l  XI0050005P  
 25 l  XI0050025P

**Physical data**

- Density: 0,86 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,2 g/l
- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- Flash point: 25 °C
- Ignition temperature: ~ 465 °C
- Vapour pressure: (20 °C) 10 hPa
- Dielectric const.: (25 °C) 2,4
- Saturation conc.: (20 °C) 30 - 38 g/m<sup>3</sup>
- Expl. limit (upper): 7,5 Vol%
- Expl. limit (lower): 1,7 Vol%

**Safety - GHS**

**Signal Word:** Warning


**Hazard Statements:**

H226: Flammable liquid and vapour.  
 H312: Harmful in contact with skin.  
 H332: Harmful if inhaled.  
 H315: Causes skin irritation.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
 P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
 P321: Specific treatment (see on this label).  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 2840 mg/kg
- MAK: 100 ml/m<sup>3</sup>, 440 mg/m<sup>3</sup>
- WGK: 2
- Poison class CH (Swiss): 4

**Transport/storage**

- ADR: 3 F1 III • UN 1307 • XYLENES
- IMDG: 3 III • UN 1307 • XYLENES
- IATA/ICAO: 3 III • UN 1307 • XYLENES
- PAX: 309
- CAO: 310