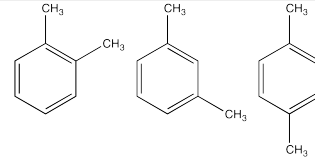


Identification

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. 98 %	lead (Pb)	max. 0,00002 %
density (20°/4°)	0,863 - 0,865	nickel (Ni)	max. 0,00002 %
acidity	max. 0,0003 meq/g	thiophene (G.C.)	max. 0,0005 %
alkalinity	max. 0,00025 meq/g	substances darkened by H ₂ SO ₄	passes test
copper (Cu)	max. 0,00002 %	residue on evaporation	max. 0,001 %
iron (Fe)	max. 0,00005 %	water (K.F.)	max. 0,05 %

Packaging
Packaging Code

- 1 l  XI00511000
- 2,5 l  XI00512500
- 5 l  XI0051005L
- 25 l  XI0051025A

Physical data

- Density: 0,86 g/cm³
- 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/m³
- 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/m³, 440 mg/m³
- 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