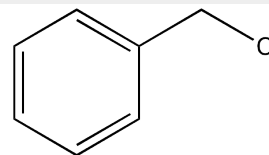


Identification

C_7H_7Cl
 M = 126,59 g/mol
 CAS [100-44-7]
 EC number: 202-853-6
 Taric code: 2903 99 90


Synonyms

a-Chlorotoluene, Chloromethylbenzene

Applications

perfumery, for pharmaceuticals synthesizing, manufacture of dyes, manufacturing of synthetic resins.

Specifications

assay (G.C.).....min. 99 %	density (20°/4°).....1,099 - 1,100
identity (IR-spectrum).....passes test	residue on ignition (as SO ₄).....max. 0,005 %

Physical data

- Density: 1,10 g/cm³
- Solub. in water: (30 °C): 460 mg/l
- Melting point: -41,2 °C
- Boiling point: (79 hPa) 100 °C
- Flash point: 60 °C
- Ignition temperature: 585 °C
- Vapour pressure: (20 °C) 1,2 hPa
- Refraction index: (n 20 °C/D) 1,5380
- Expl. limit (upper): 14 Vol%
- Expl. limit (lower): 1,1 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H331: Toxic if inhaled.
 H350: May cause cancer.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H318: Causes serious eye damage.
 H226: Flammable liquid and vapour.
 H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H335: May cause respiratory irritation.


Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor / physician.
 P370+P378: In case of fire: Use ... for extinction.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 TC1 II • UN 1738 • BENZYL CHLORIDE
- IMDG: 6.1 II • UN 1738 • BENZYL CHLORIDE
- IATA/ICAO: 6.1 II • UN 1738 • BENZYL CHLORIDE
- PAX: 610
- CAO: 612
- 10°C - 30°C