

Toluene

Grade: Laboratory

C_7H_8

M=92.14 g/mol

1L=0.87 kg

Specification

Assay (GC)..... $\geq 99.5\%$
Identity (IR)..... passes test
Appearance clear
Free acid (as HCl)..... $\leq 0.02\%$
Density (d 20°C/4°C)..... 0.866-0.867
Readily carbonizable substance..... conforms
Melting point..... -95°C
Boiling point..... 110.6°C

Technical data

- CAS-No.108-88-3
- EC -No.203-625-9
- Vapour pressure 29 hpa(20°C)
- Spec. density 0.87 g/cm³(20°C)
- Explosive limit 1.2-8 Vol %
- Flash point 4°C c.c.
- Solub. in H₂O 0.52 g/L (20°C)
- Kin . viscosity 0.7(20°C)
- Ignition temp.535°C
- Highly flammable , harmful
- R 11-20
- S 16-25-29-33
- RTECS XS5250000
- Poison class(CH)4
- WGK2
- LD 50 oral rat 636 mg/kg
- LD 50 dermal rabbit 12124 mg/kg
- EC-Index-No.601-021-00-3
- HS-No.2902 30 00
- LGK 3 A
- Pack.-cat. A
- Disposal 1
- Road/Rail 3F 1 II
- IMDG-Code 3/ II UN 1294
- IATA-DGR UN 1294 CAO 307 PAX 305
- Merckblatt BG Chemie Nr.M017,M051

Symbol



Guidelines of usage & storage

- Highly flammable.
- Harmful by inhalation.
- Keep away from source of ignition-no smoking.
- Always keep the door tightly closed.
- Keep away from food and drink.
- Avoid contact with eyes.
- Do not empty into drains.
- Keep out of reach of children
- Take precautionary measures against static discharges.

Packaging

Glass Bottles

Plastic Bottles

1 Liter
2.5 Liter

Plastic Gallon

5 Liter
10 Liter
20 Liter

Bulk
Inquire