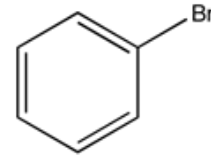


Identification

C₆H₅Br
M = 157,02 g/mol
CAS [108-86-1]
EC number: 203-623-8
Taric code: 2903 99 90

**Synonyms**

Phenyl bromide

Applications

analytical chemistry, for organometallic compounds synthesizing.

Specifications

assay (G.C.).....	min. 99 %	density (20°/4°).....	1,494 - 1,496
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
		water (K.F.).....	max. 0,02 %

Physical data

- Density: 1,49 g/cm³
- Solub. in water: (20 °C): 4 g/l
- Melting point: -31 °C
- Boiling point: 156 °C
- Flash point: 51 °C
- Ignition temperature: 565 °C
- Vapour pressure: (20 °C) 4 hPa
- Refraction index: (n 20 °C/D) 1,5602
- Viscosity: (20 °C) 1,124 mPas
- Dipolar moment: (20 °C) 1,5 Debye
- Dielectric const.: (20 °C) 5,4
- Saturation conc.: (20 °C) 26 g/m³
- Expl. limit (upper): 2,5 Vol %
- Expl. limit (lower): 0,5 Vol %

Safety - GHS

Signal Word: Warning

Hazard Statements:

H226: Flammable liquid and vapour.
H315: Causes skin irritation.
H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P241: Use explosion-proof electrical / ventilating / lighting / equipment.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P370+P378: In case of fire: Use ... for extinction.
P403+P235: Store in a well-ventilated place. Keep cool.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 F1 III • UN 2514 • BROMOBENZENE
- IMDG: 3 III • UN 2514 • BROMOBENZENE
- IATA/ICAO: 3 III • UN 2514 • BROMOBENZENE
- PAX: 309
- CAO: 310
- 10°C - 30°C