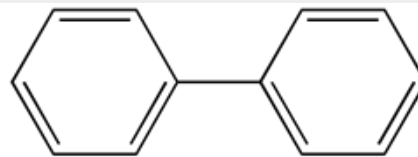


Identification

C₁₂H₁₀
M = 154,21 g/mol
CAS [92-52-4]
EC number: 202-163-5
Taric code: 2902 90 30

**Synonyms**

Diphenyl, Phenylbenzene

Applications

synthesis of organic products, analytical chemistry.

Specifications

assay (G.C.)..... min. 99 %

identity (IR-spectrum)..... passes test

residue on ignition..... max. 0,01 %

Physical data

- Bulk density: 600 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: 68 - 70 °C
- Boiling point: 255 °C
- Flash point: 113 °C
- Ignition temperature: 570 °C
- Vapour pressure: (20 °C) 0,07 hPa
- Expl. limit (upper): 3,4 Vol%
- Expl. limit (lower): 0,7 Vol%

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Biphenyl)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Biphenyl)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Biphenyl)
- PAX: 911
- CAO: 911
- 10°C - 30°C