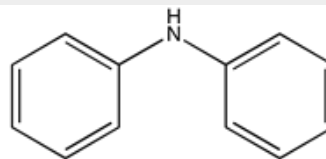


Identification

C₁₂H₁₁N
M = 169,23 g/mol
CAS [122-39-4]
EC number: 204-539-4
Taric code: 2921 44 00

**Synonyms**

N-Phenylbenzeneamine, N-Phenylaniline

Applications

analytical chemistry, synthesis of organic products, for determination of: oxidizing agents, manufacture of dyes.

Specifications

assay (titr. with HClO ₄)	min. 99,5 %	nitrates (NO ₃)	passes test
identity (IR-spectrum)	passes test	iron (Fe)	max. 0,001 %
insoluble in C ₂ H ₅ OH	max. 0,01 %	aniline (TLC)	max. 0,1 %
melting point	52,5 - 54,0 °C	sensitivity to nitrates	passes test
		residue on ignition	max. 0,03 %

Physical data

- Spec. Density: 1,16 g/cm³
- Bulk density: ~ 610 kg/m³
- Solub. in water: (25 °C): ~ 0,05 g/l
- Melting point: 53 - 54 °C
- Boiling point: (13,3 hPa) ~ 159 °C
- Flash point: 153 °C
- Ignition temperature: ~ 630 °C
- Vapour pressure: (20 °C) 0,0003 hPa

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H331: Toxic if inhaled.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- 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: 6.1 T2 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S.(Diphenylamine)
- IMDG: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Diphenylamine)
- IATA/ICAO: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (Diphenylamine)
- PAX: 613
- CAO: 615
- 10°C - 30°C