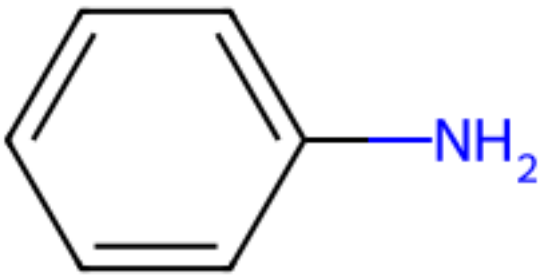
ANILINE

Formula	C_6H_7N
Mol. wt.	93.0578 g/mol
InChIKey	PAYRUJLWNCNPSJ-UHFFFAOYSA-N

1. MOLECULAR STRUCTURE 2D



2. HAZARD IDENTIFICATION (GHS)

Signal word: DANGER

Hazard pictograms:



Toxic

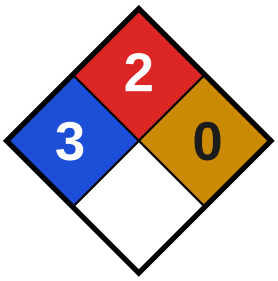
Hazard statements (H)

• H372 **: Causes damage to organs through prolonged or repeated exposure [Danger Specific target organ toxicity, repeated exposure]

Precautionary statements (P)

• P203, P260, P261, P262, P264, P264+P265, P270, P271, P272, P273, P280, P301+P316, P302+P352, P304+P340, P305+P354+P338, P316, P317, P318, P319, P321, P330, P333+P317, P361+P364, P362+P364, P391, P403+P233, P405, and P501 (click each P-code to see the statement)

3. NFPA 704 SYSTEM



Quadrant	Value	Description
Health (blue)	3	Hazardous short
Flammability (red)	2	Burns 37–93 °C
Reactivity (yellow)	0	Stable

NFPA 704 scale: 0 = no hazard | 1 = slight | 2 = moderate | 3 = serious | 4 = severe

4. ACUTE TOXICITY

LD50 data not available.

5. RELEVANT PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Unit	Source
Boiling point	363 to 367 °F at 760 mmHg (EPA, 1998)	—	pubchem_pugview
Density	1.022 at 68 °F (EPA, 1998) - Denser than water; will sink	—	pubchem_pugview
LogP (experimental)	log Kow = 0.90	—	pubchem_pugview
Flash point	158 °F (EPA, 1998)	—	pubchem_pugview
Melting point	21 °F (EPA, 1998)	—	pubchem_pugview
Vapor pressure	0.67 mmHg at 77 °F (EPA, 1998)	—	pubchem_pugview
Water solubility	10 to 50 mg/mL at 73 °F (NTP, 1992)	—	pubchem_pugview

IMPORTANT LEGAL DISCLAIMER

This document is an INFORMATIONAL SAFETY PROPERTIES SUMMARY automatically generated from PubChem data (National Institutes of Health, USA). It is NOT an official Safety Data Sheet (SDS) and does not comply with GHS, OSHA HazCom, REACH (EU), or any equivalent national regulation. It must NOT be used as the sole reference document in industrial settings, professional laboratories, or for occupational risk assessment. Always consult the official SDS from the compound supplier and applicable local regulations before handling.

Official SDS sources:
- Sigma-Aldrich (Merck): https://www.sigmaaldrich.com/search#q=aniline
- Fisher Scientific: https://www.fishersci.com/us/en/catalog/search/sds?query=aniline
- PubChem (source data): https://pubchem.ncbi.nlm.nih.gov/#query=aniline
- GESTIS (database): https://gestis-database.dguv.de/

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