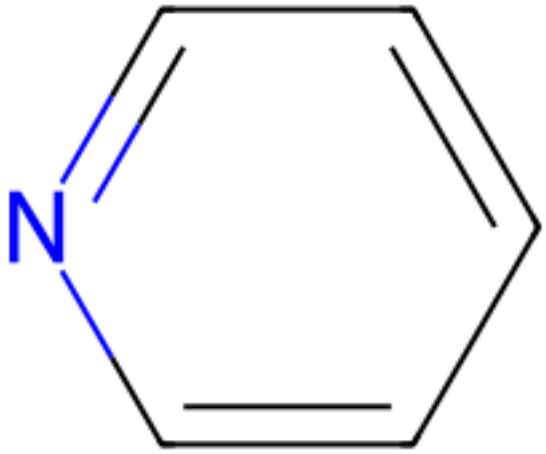
PYRIDINE

Formula	C_5H_5N
Mol. wt.	79.0422 g/mol
InChIKey	JUJWROOIHBZHMG-UHFFFAOYSA-N

1. MOLECULAR STRUCTURE 2D



2. HAZARD IDENTIFICATION (GHS)

Signal word: DANGER

Hazard pictograms:



Environmental

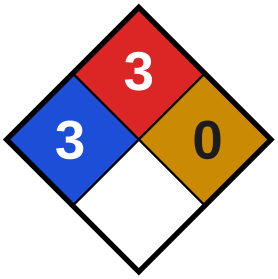
Hazard statements (H)

• H315: Causes skin irritation [Warning Skin corrosion/irritation]

Precautionary statements (P)

• P210, P233, P240, P241, P242, P243, P260, P261, P264, P270, P271, P280, P301+P317, P301+P330+P331, P302+P352, P302+P361+P354, P303+P361+P353, P304+P340, P305+P354+P338, P316, P317, P319, P321, P330, P362+P364, P363, P370+P378, P403+P235, 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)	3	Burns below 37 °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	239 °F at 760 mmHg (NTP, 1992)	—	pubchem_pugview
Density	0.983 at 68 °F (USCG, 1999) - Less dense than water; will float	—	pubchem_pugview
LogP (experimental)	log Kow = 0.65	—	pubchem_pugview
Flash point	68 °F (NTP, 1992)	—	pubchem_pugview
Melting point	-44 °F (NTP, 1992)	—	pubchem_pugview
Vapor pressure	18 mmHg at 68 °F ; 20 mmHg at 77 °F (NTP, 1992)	—	pubchem_pugview
Water solubility	greater than or equal to 100 mg/mL at 70.7 °F (NTP, 1992)	—	pubchem_pugview

IMPORTANT LEGAL DISCLAIMER

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

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