

Chemical Name CAS-Number	Colour/Form	Boiling Point (°C)	Melting Point (°C)	Molecular Weight	Solubility in Water	Relative Density (water=1)	Relative Vapour Density (air=1)	Vapour Pressure/ (Kpa)	Inflam. Limits	Flash Point (°C)	Auto Ignition Point (°C)
ACRIDINE 260-94-6	rhombohedral needles or prisms from alcohol; monoclinic, orthorhombic; small colourless needles; orthorhombic plates, needles from diluted alcohol; small, colourless or faintly yellow crystals	346	111	179.21	sl sol	1.005		1 mm Hg @ 129 °C			
N-AMINOETHYL- PIPERAZINE 140-31-8	liquid	220	-17.6	129.2	sol	0.9837	4.4			93 oc	
2-AMINOPYRIDINE 504-29-0	white leaflets or large colourless crystals; white powder or crystals	211	58	94.11	misc		3.25	0.13		68 cc	
BENZOQUANAMINE 91-76-9	crystals		227	187.20	0.6%	1.40 @ 25 °C/4 °C					
1,2,3-BENZOTRIAZOLE 95-14-7	needles from benzene; white to light tan, crystalline powder	204 @ 15 mm Hg	98.5	119.12	sl sol						
COUMARIN 91-64-5	rhomboid, pyramidal crystals from ether; orthorhombic, rectangular plates; white, crystalline solid	301.72	71	146.14	1 g/ 400 ml (cold)	0.935 at 20/4 °C		1 mm Hg at 106.0 °C			
3,4,5,6-DIBENZO- CARBAZOLE 194-59-2	needles from ethanol		158	267.34							
3,6-DICHLORO- PICOLINIC ACID 1702-17-6	white crystalline solid; colourless crystals		151-152	192.0	1000 ppm @ 25 °C	0.8		0.003 Pa			
N-ETHYLMORPHOLINE 100-74-3	colourless liquid	138.5	-62.78	115.2	misc	0.8996	4.0	6.1 mm Hg @ 20 °C			
2-MERCAPTO- BENZOTHIAZOLE 149-30-4	pale, yellow monoclinic needles or leaflets; yellowish powder; needles from alc or dilute methanol; yellowish to tan crystalline powder		181	167.2	insol	1.42					
2-MERCAPTO- BENZOTHIAZOLE - DISULPHIDE 120-78-5	pale yellow needles from benzene; free-flowing powder		180	332.46	insol	1.50					
1-METHYL-2--	colourless liquid	202	24	99.13	v sol	1.0260	3.4	66 Pa	0.99 ll	91	270

PYRROLIDONE 872-50-4						@ 25 °C/ 25 °C		@ 25 °C	3.9 ul		
N-METHYLMORPHOLINE 109-02-4		115-116		101.14	sol	0.9051					
2-METHYLPYRIDINE 109-06-8	colourless liquid	129	-70	93.12	v sol	0.9443	3.2	1.2	1.4 ll 8.6 ul	39	535
3-METHYLPYRIDINE 108-99-6	colourless liquid	143-144	-18.3	93.12	misc	0.9613 @ 15 °C/4 °C	3.2	6.05 mm Hg @ 25 °C	1.3 ll 8.7 ul	38 cc	
4-METHYLPYRIDINE 108-89-4	colourless liquid	145	3.6	93.12	misc	0.9548	3.2	1.3 @ 25 °C	1.3 ll 8.7 ul	57 oc	
MORPHOLINE 110-91-8	colourless liquid; mobile liquid	128.9	-4.9	87.12	misc	1.0007	3	1.06	2.0 ll 11.2 ul	38 oc	310
NICOTINE 54-11-5	colourless to pale yellow, oily liquid; thick, water-white, oil turning brown	246.7 @ 745 mm Hg	-79	162.23	misc	1.0097	5.61	133 Pa @ 62 °C	0.7 ll 4.0 ul	95	244
NICOTINE TARTRATE 65-31-6	white plates		90	462.46	sol						
N-NITROSONOR-NICOTINE 16543-55-8	yellow oil	154 @ 0.2 mm Hg	47	177.23				0.2 mm Hg @ 154 °C			
PHENAZOPYRIDINE 94-78-0	brownish-yellow crystals		139	213.25	388 mg/l @ 25 °C (est)			4.57x10 <sup>-12</sup> mm Hg @ 25 °C			
PHENOTHIAZINE 92-84-2	yellow, rhombic leaflets or diamond-shaped plates from toluene or butanol; yellow prisms from alcohol; grayish-green to greenish yellow powder, granules or flakes	371	185.1	186.26	insol						
PHENYLENEPYRENE 193-39-5	yellow plates or needles from light petroleum	530	162.5- 164		insol			1.0x10 <sup>-10</sup> torr			
PIPERAZINE 110-85-0	plates or leaflets from ethanol; white to slightly off-white lumps or flakes; colourless, transparent, needle-like crystals	146	106	86.14	v sol	1.1	3.0			81 oc	
PIPERAZINE DIHYDROCHLORIDE 142-64-3	cream coloured crystalline powder; white needles			159.07	41%						
PIPERIDINE 110-89-4	clear, colourless liquid	106 @ 760 mm Hg	-7	85.15	v sol	0.8622	3.0	5.3 @ 29.2 °C		16 cc	
1,3-PROPANE SULTONE 1120-71-4	colourless liquid or white crystals	180 @ 0.039 atm.	31	122.1	100 g/l	1.393 @ 40 °C/4 °C					
PROPYLENE IMINE 75-55-8	colourless, oily liquid	66	-65	57.1	sol	0.812 @ 16 °C/4 °C	2.0	14.9		-39 cc	
PYRIDINE 110-86-1	colourless liquid; slightly yellow	115.2	-42	79.10	misc	0.9819	2.73	2.0	1.8 ll 12.4 ul	17 cc	482
PYRIMIDINE 289-95-2		123.8	22	80.09	misc						

PYRROLIDINE 123-75-1	colourless to pale yellow liquid	88.5-89	-57.8	71.12	misc	0.8520 @ 22.5 °C/4 °C	2.45	128 mm Hg @ 39 °C	2.9 ll @ -2°C 13.0 ul @ 29.8°C		
2-PYRROLIDINONE 616-45-5	liquid	250 @742 mm Hg	25	85.1	v sol	1.120	2.93			110 cc	
QUINOLINE 91-22-5	colourless to brown liquid	237.7	-15	129.16	insol	1.0929	4.45	0.1	1.2 ll 7 ul	99	480
SULPHOLANE 126-33-0	white or creamy white, crystalline powder	285	27.4-27.8	120.16	misc	1.2606 @ 30 °C/4 °C		0.0062 mm Hg @ 27.6 °C		177 oc	
TETRAHYDRO-THIOPHENE 110-01-0	water-white liquid	121.0	-96.1	88.2	insol	0.9987	3.05	2.4 @ 25 °C	1.1 ll 12.1 ul	12	200
THIOPHENE 110-02-1	colourless liquid	84.16	-38.25	84.14	insol	1.06494	2.9	5.3 @ 12.5 °C		-1	
2-VINYLPYRIDINE 100-69-6	colourless liquid	159-160	159-160	105.1	sl sol	0.9983		10 mm Hg @ 44.5 °C			