

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)
1-BROMOBUTANE 109-65-9	colourless liquid; pale straw-colored liquid	101.3	-112	137.03	insol	1.2686 @ 25 ° C/4 ° C	4.72			65 DEG F oc	265
1-BROMO-2- CHLOROETHANE 107-04-0	colourless liquid	107	-16.7	143.4	0.69 g/100 g @ 30 ° C	1.7392 @ 20 ° C/4 ° C	4.94	760 mm Hg @ 82.7 ° C			
BROMOFORM 75-25-2	heavy liquid; hexagonal scales; colourless to yellow liquid	149.1	8.0	252.73	sl sol	2.8899	8.7	0.7			
CARBON TETRABROMIDE 558-13-4	monoclinic tablets from diluted alcohol; colourless crystals	189.5	90	331.63	insol	2.9609	11.4	5.33 @ 96 ° C			
CARBON TETRACHLORIDE 56-23-5	colourless, clear, heavy liquid	76.5	-23	153.8	insol	1.5940	5.32	12.2			
CHLOROBROMOME- THANE 74-97-5	clear colourless liquid; pale yellow liquid	68	-88	129.38	insol	1.9344	4.5	15.8			
1-CHLORO-3-BROMO- PROPANE 109-70-6	colourless liquid	143.3	-58.9	157.44	insol	1.5969					
1-CHLOROBUTANE 109-69-3	colourless liquid	78.6	-123.1	92.56	insol	0.8862	3.2	80.1 mm Hg	1.8 ll 10.1 ul	-9 cc	460
2-CHLORO-2- METHYLPROPANE 507-20-0		50.9	-26	92.56	sl sol	0.8420					
CHLOROFORM 67-66-3	clear, colourless liquid	61.5	-64	119.39	sl sol	1.4832	4.12	21.2			
1,2-DIBROMO-3-- CHLOROPROPANE 96-12-8	colourless liquid when pure	196	5	236.36	0.1 g/100 ml	2.093 @ 14 ° C	8.2	0.1		77	
DIBROMOETHANE 74-95-3	clear, colourless liquid	97	-52.5	173.83	sl sol	2.4970	6.05	5			
1,1-DICHLOROETHANE 75-34-3	oily liquid; colourless liquid	57	-98	98.97	sl sol	1.175	3.44	24	5.6 ll 11.4 ul	-6 cc	458
1,1-DICHLORO-PRO- PANE 78-99-9	liquid	88.1		112.98	insol	1.1321	3.90		3.4 ll 14.5 ul	21 cc	
1,2-DICHLOROPROPANE 78-87-5	colourless liquid	96.4	-100.4	112.99	0.26% by wt at 20 ° C	1.159 at 25 °C/25 ° C	3.9	50 mm Hg at 25 ° C	3.4% ll 14.5% ul	21 oc	557
1,3-DICHLOROPROPANE 142-28-9	colourless liquid	120.4	-99.5	112.99	0.3 g/100 ml	1.1876	3.90	18 torr	3.4 ll 14.5 ul	21 cc	
ETHYL BROMIDE	colourless, liquid	38.2	-119	108.98	sl sol	1.4612	3.76	467 mm Hg	6.8 ll	-20 cc	511

74-96-4								@ 25 °C	8.0 ul		
ETHYL CHLORIDE 75-00-3	colourless liquid	12.3	-138.7	64.5	sl sol	0.8978	2.22	133.3	3.8 ll 15.4 ul	-50 cc	510
ETHYL IODIDE 75-03-6	liquid	72	-108	155.97	sl sol	1.9358	5.4	18.3 @ 25 °C			
ETHYLENE DIBROMIDE 106-93-4	colourless, heavy liquid	131-132	9.8	187.88	0.34 g/100 ml at 20 °C; *0.404 g/100 g 20 °C.;	2.172 g/ml	6.5	11 mm Hg at 20 °C			
ETHYLENE DICHLORIDE 107-06-2	clear, colourless, oily liquid				0.869 g/100 ml water @ 20 °C	1.2351 AT 20 °C	3.42		6.2% ll 16% ul	13 °C cc 18 °C oc	413
HEPTACHLOR 76-44-8	white; white to light tan waxy solid	135-145	95.5	373.35	insol	1.65		0.053 Pa @ 25 °C			
HEXACHLOROCYCLO- HEXANE 608-73-1	white or yellowish powder or flakes; brown-to-white amorphous powder		65	290.80	insol	1.87	1.85	4.2 Pa			
α-HEXACHLOROXY- CLOHEXANE 319-84-6	crystalline powder	288	156-161		insol	1.87		3 Pa			
β-HEXACHLOROXY- CLOHEXANE - 319-85-7	crystalline powder	60 @ 0.50	312	290.83	insol	1.89 @ 19 °C		0.7 Pa			
δ-HEXACHLOROXY- CLOHEXANE 319-86-8	plates		141-2	290.83							
HEXACHLOROETHANE 67-72-1	rhombic crystals from alcohol and ether; colourless crystals; crystalline powder; colourless solid; crystal structure: rhombic up to 46 °C; triclinic 46-71 °C	187	187	236.74	insol	2.091	8.16	53 Pa			
IODOFORM 75-47-8	yellow powder or crystals; small, greenish yellow or lustrous crystals or powder; yellow hexagonal prisms or needles from acetone	218	119	393.7	insol	4.008 @ 25 °C	13.6				
ISOBUTYL CHLORIDE 513-36-0		68.5	-130.3	92.56		0.8810					
2-CHLOROPROPANE 75-29-6	colourless liquid	35.7	-117.2	78.54	sl sol	0.8617	2.7	523 mm Hg @ 25 °C			
ISOPROPYL CHLOROFORMATE 108-23-6	colourless liquid	105		122.55	insol	1.08 g/ml	4.2			156	
METHYL BROMIDE 74-83-9	colourless gas	3.55	-93.66	94.95	1.75 g/100 g	3.974 g/l (gas)	3.3	1420 mm H g	13.5 ll 14.5 ul		537
METHYL CHLORIDE 74-87-3	colourless gas; compresses to colourless	24.0	-97.7	50.49	sol	0.9159	2.47	475	8.1 ll 17.4 ul	-46 flammabl	634

	liquid									e gas	
METHYL IODIDE 74-88-4	colourless, transparent liquid	42.5	-66.5	141.94	sl sol	2.28	4.9	400 mm Hg @ 25 °C			
METHYLENE CHLORIDE 75-09-2	colourless liquid	40	-95.1	84.9	sl sol	1.3266	2.9	47.4	14 ll 25 ul		640
PENTACHLOROETHANE 76-01-7	colourless liquid	161-162	-29	202.29	insol	1.6796	7.0	3.5 mm Hg @ 25 °C			
1,1,1,2-TETRACHLOROETHANE 630-20-6	yellowish red crystals	130.5	-70.2	167.85	sl sol	1.5406					
1,1,1,2-TETRACHLOROETHANE 79-34-5	colourless pure to pale-yellow liquid	146.5	-44	167.86	sl sol	1.5953	5.79	0.78 @ 25 °C			
TETRACHLOROETHANE 25322-20-7	heavy corrosive colourless liquid	146.5	-43								
1,1,1-TRICHLOROETHANE 71-55-6	colourless liquid	74.0	-30.4	133.4	sl sol	1.3376	4.63	13.3	7 ll 16 ul		537
1,1,2-TRICHLOROETHANE 79-00-5	colourless liquid	113.8	-36.5	133.4	insol	1.4416	4.21 g/l	2.5	6 ll 15.5 ul		
1,2,3-TRICHLOROPROPANE 96-18-4	colourless to straw-coloured liquid	157	-14.7	147.43	sl sol	1.3889	5.1	0.267	3.2 ll 12.6 ul	82	304