

**Table 1 : Nomenclature of Molecular elements and Molecular compounds**

	<b>Name</b>	<b>Description for interest only</b>	<b>Formula</b>
1	Carbon tetrachloride	toxic cleaning fluid	$\text{CCl}_4$
2	nitrogen	78% of air	$\text{N}_2$
3	oxygen	21% of air	$\text{O}_2$
4	Carbon dioxide	0.035% of air	$\text{CO}_2$
5	nitrogen monoxide	In automobile exhaust	$\text{NO}$
6	nitrogen dioxide	Los Angeles type smog	$\text{NO}_2$
7	sulphur dioxide	London type smog	$\text{SO}_2$
8	sulfur trioxide	air pollutant – makes sulphuric acid	$\text{SO}_3$
9	carbon monoxide	colourless, odourless poison	$\text{CO}$
10	ozone	- good in upper stratosphere - bad where we can inhale it	$\text{O}_3$
11	sulphur	yellow solid in group VI	$\text{S}_8$
12	tetraphosphorus decoxide	oxides formed by combustion	$\text{P}_4\text{O}_{10}$
13	tetraphosphorus octoxide	of the element phosphorous	$\text{P}_4\text{O}_8$
14	chlorine dioxide	chlorination of water	$\text{ClO}_2$
15	hydrogen monochloride	a gas – makes hydrochloric acid	$\text{HCl}$
16	dinitrogen monoxide	laughing gas, nitrous oxide, “NOS”	$\text{N}_2\text{O}$
17	iodine	dissolves in alcohol	$\text{I}_2$
18	water	the most common solvent	$\text{H}_2\text{O}$
19	phosphorous	spontaneously combusts in air	$\text{P}_4$
20	arsenic pentafluoride	reacts vigorously with water	$\text{AsF}_5$
21	selenium trioxide	---	$\text{SeO}_3$
22	tellurium hexabromide	---	$\text{TeBr}_6$
23	disulphur heptoxide	---	$\text{S}_2\text{O}_7$
24	silicon tetrachloride	smoke screens for army	$\text{SiCl}_4$
25	hexaboron decahydride	---	$\text{B}_6\text{H}_{10}$
26	dinitrogen pentasulfide	---	$\text{N}_2\text{S}_5$

**Table 2 : Nomenclature of Binary Molecular compounds**

	<b>Formula</b>	<b>Name</b>
1	SiBr <sub>6</sub>	silicon hexabromide
2	P <sub>4</sub> O <sub>6</sub>	tetra phosphorous hexoxide
3	SeS <sub>2</sub>	selenium disulphide
4	BrCl	Bromine monochloride
5	As <sub>2</sub> Se <sub>5</sub>	diarsenic pentaselenide
6	N <sub>2</sub> H <sub>5</sub>	dinitrogen pentahydride
7	IF <sub>7</sub>	iodine heptafluoride
8	N <sub>2</sub> O <sub>4</sub>	dinitrogen tetraoxide
9	P <sub>4</sub> S <sub>10</sub>	tetraphosphorous decasulfide
10	S <sub>2</sub> O <sub>7</sub>	disulfide heptoxide
11	B <sub>2</sub> O <sub>9</sub>	diboron nonoxide
12	SeC <sub>2</sub>	selenium dicarbide
13	PF <sub>3</sub>	phosphorous trifluoride
14	Br <sub>3</sub> O <sub>8</sub>	tribromine octoxide
15	As <sub>3</sub> P <sub>6</sub>	triarsenic hexaphosphide
16	B <sub>2</sub> S <sub>5</sub>	diboron pentasulfide
17	CS <sub>2</sub>	carbon disulfide
18	PF <sub>5</sub>	phosphorous pentafluoride
19	SeF <sub>4</sub>	selenium tetrafluoride
20	B <sub>4</sub> H <sub>9</sub>	tetraboron nonahydride
21	P <sub>2</sub> I <sub>4</sub>	diphosphorous tetraiodide
22	Cl <sub>2</sub> O <sub>8</sub>	dichlorine octoxide
23	B <sub>6</sub> Si	hexaboron monosilicide
24	IBr <sub>3</sub>	iodine tribromide
25	AsP	arsenic mono phosphide
26	Si <sub>2</sub> Br <sub>6</sub>	disilicon hexabromide