CHART - 4 Important Chemicals & Compounds

ACIDS	
1. MURIATIC ACID	Hydrochloric acid [HCl]
2. AQUA FORTIS	Nitric acid [HNO_3]
3. OIL OF VITRIOL	Sulphuric acid [H_2SO_4]
4. AQUA REGIA	Nitric & hydrochloric acid [conc. – 1 vol. & 3 vol.]
5. VINEGAR	Acetic acid [CH_3COOH]

BASES	
1. CAUSTIC POTASH	Potassium hydroxide
2. CAUSTIC SODA	Sodium hydroxide
3. LIQUOR AMMONIA	Ammonium hydroxide

SALTS	
1. SODIUM SULPHATE	Normal salt [$Na_2 SO_4$]
2. SODIUM BISULPHATE	Acid salt [$NaHSO_4$]
3. BLEACHING POWDER	Mixed salt [$CaOCl_2$]
4. SODIUM SILVER CYANIDE	Complex salt [Na [Ag $(CN)_2$]
5. ROCK SALT	Sodium chloride [NaCl]
6. SAL AMMONIAC	Ammonium chloride
7. HORN SILVER	Silver chloride [AgCl]
8. NITRE	Potassium nitrate [KNO_3]
9. CHILE SALT PETRE	Sodium nitrate [$NaNO_3$]
10. WASHING SODA	Sodium carbonate [hyd.]- [$Na_2CO_3.10H_2O$]
11. BAKING SODA	Sodium bicarbonate- [$NaHCO_3$]
12. GLAUBER'S SALT	Sodium sulphate [hyd.]- [$Na_2SO_4.10H_2O$]
13. LUNAR CAUSTIC	Silver nitrate [$AgNO_3$]
14. CINNABAR	Mercuric sulphide [HgS]
15. BLUE VITRIOL	Copper sulphate [hyd.]- [$CuSO_4.5H_2O$]
16. GREEN VITRIOL	Iron [II] sulphate [hyd.]- [$FeSO_4.7H_2O$]
17. WHITE VITRIOL	Zinc sulphate [hyd] - [$ZnSO_4 .7H_2O$]
18. EPSOM SALT	Magnesium sulphate[hyd] [$MgSO_4.7H_2O$]
19. ALUM	Potassium aluminium sulphate [$K_2SO_4.Al_2(SO_4)_3.24 H_2O$]
20. LITHARGE	Lead monoxide [PbO]
21. SILICA	Silicon dioxide [SiO_2]
22. PYROLUSITE	Manganese [IV] oxide - [MnO_2]

ORES	
ORES OF ALUMINIUM	
1. BAUXITE	Aluminium oxide [hyd.]- [$Al_2O_3.2H_2O$]
2. CRYOLITE	Sodium aluminium fluoride - [Na_3AlF_6]
ORES OF ZINC	
3. ZINC BLENDE	Zinc sulphide – [ZnS]
4. CALAMINE	Zinc carbonate – [$ZnCO_3$]
5. ZINCITE	Zinc oxide – [ZnO]
ORES OF IRON	
6. HAEMATITE	Iron [III] oxide- [Fe_2O_3]
7. MAGNETITE	Tri iron tetraoxide - [Fe_3O_4]
8. IRON PYRITES	Iron sulphide [FeS_2]
ORE OF LEAD	
9. GALENA	Lead sulphide – [PbS]
ORE OF COPPER	
10. CUPRITE	Copper [I] oxide – [Cu_2O]

HYDROCARBONS – Organic Compounds	
1. METHANE	CH_4
2. ETHANE	C_2H_6
3. ETHENE [ethylene]	C_2H_4
4. ETHYNE [acetylene]	C_2H_2
5. METHANOL [methyl alcohol]	CH_3OH
6. ETHANOL [ethyl alcohol]	C_2H_5OH