

S-B LOCK ELEMENTS

General Electron Configuration

f2) Atomic Radii increases down the group.

(5) Hydration enthalpy decreases down the group,

14). ionization enthalpy decreases down the gr.pup_

1.51. Or1 reactor' with oxygen .glve oxide, peroxide arid superoxi

Is} On reaction with water produces hydroxide and hydro-

171. Some **Important** corn polarith. and their general r7arne5.

Name	Chemical Formula	Prepared try
C4ustic Soda	NaOH	Electrolysis In costnier kolIFTEt tall
Washing Sytla	tqa2CO3., lilltiviD	Solvay's perges
MkIna Soda	Na hl	Solvair's process.
Glatibee's Seat	Na2SO4, 10H7)	Na01.+ H2SO4
Microcosmic salt	Ela[111441-1P0a	NIHica + Naio-111·04
Potash of Pearl As	1;20:53	i_elbarK Process
Caustic pawn	KOH	Elertrolysz of KC!
Quick lime	CaO	Decomposition of CaClI,
Slated lime	Cafo1'1]1	Hydro,lysis of CaO
Cy.psurn	CaSCILL. 2F17,Cli	Caa, www.FirstRanker
Plaster of Paris	Ca501. V4 1:120	By heating gypsum