Gas Terminology

Elemental Gases (made from one element only)
are:

Monatomic: He, Ne, Ar, Kr, Xe, Rn

Diatomic: H_2 , N_2 , O_2 , F_2 , Cl_2

Gases are one of the following:

Combustible - burn (H_2 , CH_4 - methane, C_2H_2 - acetylene)

Support Combustion $(O_2 - oxygen, Cl_2 - chlorine)$

Extinguish Combustion (CO_2 , Ne, Ar, ...)