

ex: N_2O_5 , N_2O , NO_2 , laughinggar N_2O_4 , NO vasodilator republished these as isnic code, they all be called: Nitrogen oxide. Use Prefixes to indirate # of each Pefix mono di fri tetra penta

1 2 3 4 5 Prefix hura hepta octa nona dera # 6 7 8 9 10 Name molecular compounds as if they are ionic (1st element: element name 2nd element, ends in -ide) -Use profixes also.

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Table 2.4

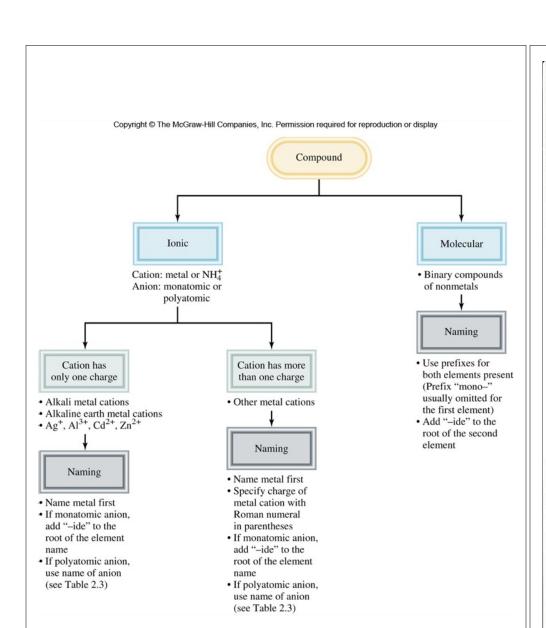
Greek Prefixes Used in Naming Molecular Compounds

Meaning
1
2
3
4
5
6
7
8
9
10

NO, NO2, N20, N204, N205 A 1 Mono Nitrogen Mono Oxide MonoNitrogen Di Oxide @ Di Nitrogen Mondoxide Di Nitrogen Tetra Oxide Di Nitrogen Penkoxide ● Do not use mono for 1st element! a Sometimes we amit the last letter

ex: N2 Brs dinitrogen pentabromide CL4Pa tetrachlorine nonaphosphide P2 05 diphosphorus pentxoxide tetrophosphons dechoxide Soz mylosulfur dioxide

How not to name ... trinitrogen octafluoride Mg Fz (Ionic! Metal + Normach!)
-don't use préfixes!!! magnesium difluoride magnesium fluoride 002 13 chlorine dioxide



Commen H,0

BLUE Gypsum: CaSO4.2400

calcium sulfate dihydrate

CaSO4.240 A CaSO4.240 Paris gypsum

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Chapter 3 Stoichiometry

-Used to make predictions concerning
how much "stuff" is made/used
in a reaction!

Atomic Mass

Kg w too large when dealing
with atoms/molerule/ions

Need a smaller unit of mass:

ATOMIC MASS UNIT Camula)

Defined as 12 mass of a single atom of 12C.

