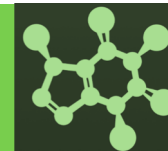
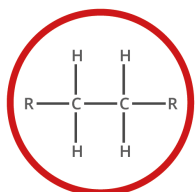


Common functional groups

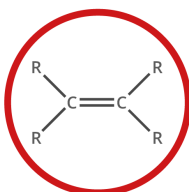


● HYDROCARBONS ● SIMPLE OXYGEN HETEROATOMICS ● HALOGEN HETEROATOMICS ● CARBONYL COMPOUNDS ● NITROGEN BASED ● SULFUR BASED ● AROMATIC



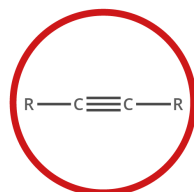
ALKANE

Naming: -ane
e.g. ethane



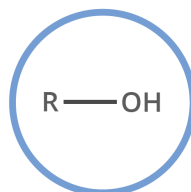
ALKENE

Naming: -ene
e.g. ethene



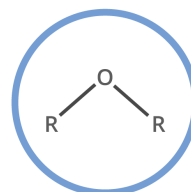
ALKYNE

Naming: -yne
e.g. ethyne



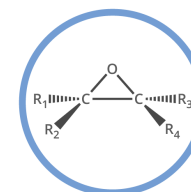
ALCOHOL

Naming: -ol
e.g. ethanol



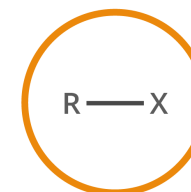
ETHER

Naming: -oxy -ane
e.g. methoxyethane



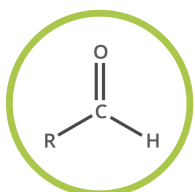
EPOXIDE

Naming: -ene oxide
e.g. ethene oxide



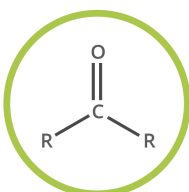
HALOALKANE

Naming: halo-
e.g. chloroethane



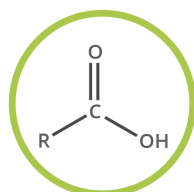
ALDEHYDE

Naming: -al
e.g. ethanal



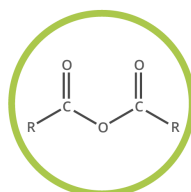
KETONE

Naming: -one
e.g. propanone



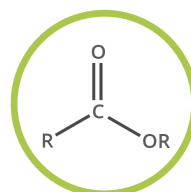
CARBOXYLIC ACID

Naming: -oic acid
e.g. ethanoic acid



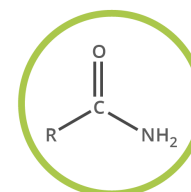
ACID ANHYDRIDE

Naming: -oic anhydride
e.g. ethanoic anhydride



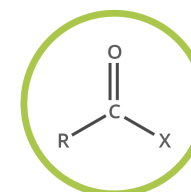
ESTER

Naming: -yl -oate
e.g. ethyl ethanoate



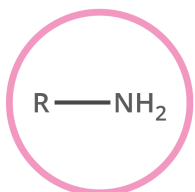
AMIDE

Naming: -amide
e.g. ethanamide



ACYL HALIDE

Naming: -oyl halide
e.g. ethanoyl chloride



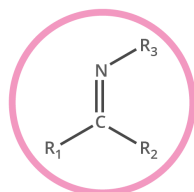
AMINE

Naming: -amine
e.g. ethanamine



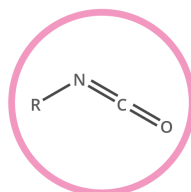
NITRILE

Naming: -nitrile
e.g. ethanenitrile



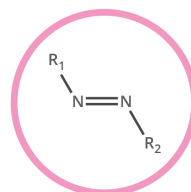
IMINE

Naming: -imine
e.g. ethanimine



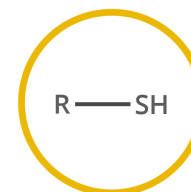
ISOCYANATE

Naming: -yl isocyanate
e.g. ethyl isocyanate



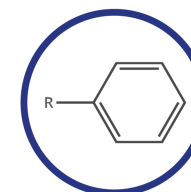
AZO COMPOUND

Naming: azo-
e.g. azoethane



THIOL

Naming: -thiol
e.g. methanethiol



ARENE

Naming: -yl benzene
e.g. ethyl benzene