

# Download Primary Secondary And Tertiary Alkyl Halides

Alkyl halides containing primary C-atom are called primary alkyl halides. For example: ... SECONDARY ALKYL HALIDE: Alkyl halides containing secondary c-atom are called secondary alkyl halides. For example: TERTIARY ALKYL HALIDE: Alkyl halides containing tertiary c-atom are called tertiary alkyl halide. In organohalogen compound: Nucleophilic substitution. Primary alkyl halides ( $\text{RCH}_2\text{X}$ ) react faster than secondary alkyl halides ( $\text{RR}'\text{CHX}$ ), which in turn react faster than tertiary alkyl halides ( $\text{RR}'\text{R}''\text{CX}$ ). Alkyl halides are formally derived from alkanes by exchanging hydrogen for halogen (fluorine, chlorine, bromine, and iodine). Depending on the degree of substitution at the carbon atom carrying the halogen, alkyl halides are classified into primary, secondary and tertiary alkyl halides.