

## Section 21.19: Summary of Functional Groups

<u>Functional Group</u>	<u>Name</u>
$\begin{array}{c} \diagup \\ \text{C} = \text{C} \\ \diagdown \end{array}$	Carbon-Carbon double bond
$-\text{C} \equiv \text{C}-$	Carbon-Carbon triple bond
$-\text{X}$ (X = F, Cl, Br, I)	Alkyl halide
$-\text{OH}$	Alcohol
$\begin{array}{c} \diagup \\ \text{C} = \text{O} \\ \diagdown \end{array}$	Carbonyl (ketone)
$\begin{array}{c} \text{O} \\    \\ -\text{C}-\text{OH} \end{array}$	Carboxyl (carboxylic acid)
$\begin{array}{c} \text{O} \\    \\ -\text{C}-\text{O}-\text{R} \end{array}$	Ester
$-\text{N} \begin{array}{l} \diagup \text{R} \\ \diagdown \text{R} \end{array}$	Amine