An acid halide (also known as an acyl halide) is an organic compound derived from carboxylic acids by replacing a hydroxyl group with a halide group.

\[
\text{O} \quad \text{C} \quad \text{Cl} \\
\text{R} \\
\]

• Nomenclature of Acid Halides

\[
\text{O} \quad \text{C} \quad \text{Cl} \\
\text{R} \\
\]

• Properties of Acyl Halides

\[
\text{O} \quad \text{C} \quad \text{Cl} \\
\text{R} \\
\]

• Reactions of Acid Halides

\[
\text{O} \quad \text{C} \quad \text{Cl} \\
\text{R} \\
\]

• Synthesis of Acid Halides