An imide is a compound that has the following general structural formula.

\[
\text{R}^1 - \text{C} - \text{N} - \text{C} - \text{R}^2 \\
\text{R}^3
\]

\(\text{R}^1, \text{R}^2, \text{and} \text{R}^3\) could be hydrogen atoms, alkyl groups, aryl groups, or any combination thereof.

\(\text{eg:}\)

The O=C—N—C=O group in an imide is called the imide group.

\[
\text{CH}_3 - \text{C} - \text{N} - \text{C} - \text{CH}_3
\]

see also cyclic imide

**Contributors**

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