An alkoxy group is the fragment, containing an open point of attachment on the oxygen atom, that would form if the hydrogen atom on the oxygen atom were removed from the molecule of an alcohol.

eg. 1:

\[
\begin{array}{c}
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\end{array}
\quad \xrightarrow{-\text{H}} \quad 
\begin{array}{c}
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\text{H} \\
\end{array}
\]

an alkoxy group

eg. 2:

\[
\begin{array}{c}
\text{O} \\
\text{H} \\
\end{array}
\quad \xrightarrow{-\text{H}} \quad 
\begin{array}{c}
\text{O} \\
\end{array}
\]

an alkoxy group

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**Contributors**

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