A cyanohydrin is a compound that has the following general structural formula.

\[
\begin{align*}
\text{R}^1 & \quad \text{C} \quad \text{OH} \\
\text{R}^2 & \quad \text{CN}
\end{align*}
\]

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

\[
\begin{align*}
\text{H} & \quad \text{C} \quad \text{OH} \\
\text{H} & \quad \text{C} \quad \text{CN} \\
\text{CH}_3 & \quad \text{C} \quad \text{OH} \\
\text{CH}_3 & \quad \text{C} \quad \text{CN}
\end{align*}
\]

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**Contributors**

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