A peroxyacid or peroxycarboxylic acid or peracid is a compound that has the following general structural formula.

\[
\begin{align*}
&\text{\text{O}} \\
&\text{R} - \text{C} - \text{O} - \text{O} - \text{H}
\end{align*}
\]

R could be an alkyl group or an aryl group.

eg:

Peroxy acids are oxidizing agents, used mainly to oxidize alkenes and ketones.

**Contributors**

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