



When the resulting solution is evaporated, the residue is a solid substance.

**Chemical Equations**

1.  $\text{C}_2\text{H}_5\text{OH} + \text{O}_2 \rightarrow \text{C}_2\text{H}_4\text{O} + \text{H}_2\text{O}$

2.  $\text{C}_2\text{H}_5\text{OH} + \text{O}_2 \rightarrow \text{C}_2\text{H}_6\text{O}_2$

3.  $\text{C}_2\text{H}_5\text{OH} + \text{O}_2 \rightarrow \text{C}_2\text{H}_4\text{O}_2 + \text{H}_2\text{O}$

4.  $\text{C}_2\text{H}_5\text{OH} + \text{O}_2 \rightarrow \text{C}_2\text{H}_4\text{O} + \text{H}_2\text{O} + \text{H}_2\text{O}_2$

