

BASE HYDROLYSIS OF TRIGLYCERIDES

	<p style="text-align: center;">cut</p> $\begin{array}{c} \text{H-O}^- \text{Na}^+ \\ \text{H-O}^- \text{Na}^+ \\ \text{H-O}^- \text{Na}^+ \end{array}$	<ol style="list-style-type: none"> 1. Cut as shown. 2. Tape H⁻ to the -O to make glycerol. 3. Tape -O⁻ Na⁺ to C=O to make three fatty carboxylates (soap).
	$\begin{array}{c} \text{H-O}^- \text{Na}^+ \\ \text{H-O}^- \text{Na}^+ \\ \text{H-O}^- \text{Na}^+ \end{array}$	
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$+ 3\text{H}_2\text{O} \xrightarrow{\text{NaOH}}$	$+ 3\text{H}_2\text{O} \xrightarrow{\text{NaOH}}$	
$+ 3\text{H}_2\text{O} \xrightarrow{\text{NaOH}}$		