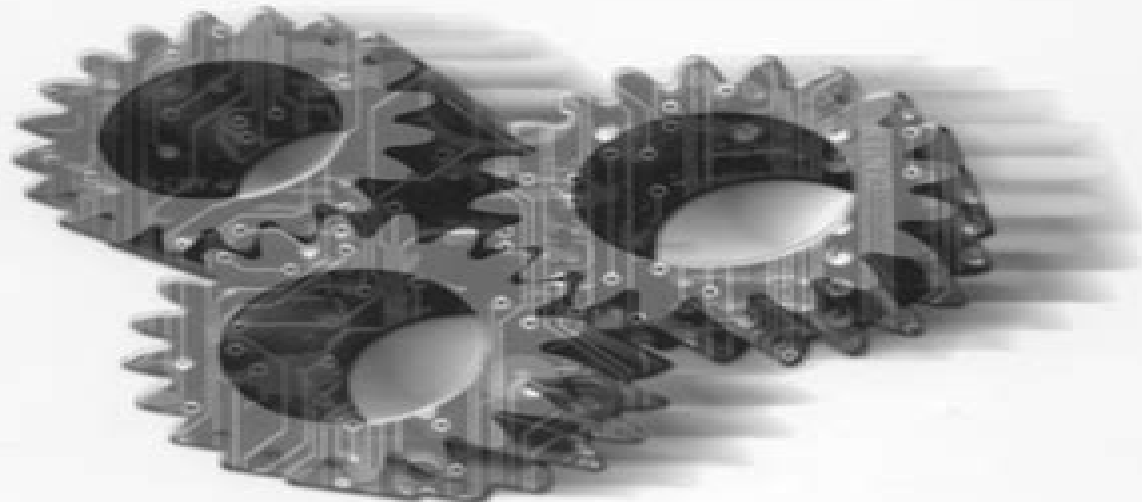


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web production acrylic acid is produced by oxidation of propylene which is a byproduct of the production of ethylene and gasoline $2\text{CH}_2=\text{CHCH}_3 + \text{O}_2 \rightarrow 2\text{CH}_2=\text{CHCO}_2\text{H} + 2\text{H}_2\text{O}$ historical methods because acrylic acid and its esters have long been valued commercially many other methods have been developed

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focuses on the optimization of an acrylic acid plant due to