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(54) Title: IMPROVED PROCESS FOR THE PREPARATION OF ALKYLENE GLYCOLS

(57) Abstract: A method for operating an epoxide containing system which contains a catalyst is disclosed. The method comprises feeding carbon dioxide to the epoxide containing system at an amount of from 0.01 to 5.0 weight percent; and maintaining the epoxide containing system at a temperature of from 100 °C to 150 °C. The catalyst has a half life of at least 40 days at 120 °C. The present invention allows anion exchange resins in the bicarbonate form to be used for the hydrolysis of ethylene oxide at temperatures exceeding 100 °C. The rate of catalyst swelling is minimized and lifetime of the catalyst enhanced.

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