

**Membrane-supported catalyst removal in the epoxidation
of cyclic unsaturated C12 compounds, for example cyclododecene (CDEN)**

Abstract

- 5 The present invention relates to a method of removing homogeneous catalyst systems from organic reaction mixtures. It is an object of the present invention to specify a method employed in reaction mixtures for the epoxidation of cyclic unsaturated C12 compounds. This object is achieved by employing a membrane whose separation-active layer comprises crosslinked silicone acrylates and/or polydimethylsiloxane (PDMS)
- 10 and/or polyimide.

Accompanied by Figure 1