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(54) **Title:** PROCESS FOR PRODUCING MIXTURES OF CYCLOHEXANONE AND CYCLOHEXANOL

(57) **Abstract:** In a process for producing a mixture of cyclohexanone and cyclohexanol, a feed comprising cyclohexanone is contacted with hydrogen in the presence of a hydrogenation catalyst under hydrogenation conditions effective to convert part of the cyclohexanone in the feed into cyclohexanol and thereby produce a hydrogenation product containing cyclohexanone and cyclohexanol. A mixture of cyclohexanone and cyclohexanol is then obtained from the hydrogenation product.

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