

Abstract**PROCESS FOR PREPARING TOLYLENEDIAMINE BY HYDROGENATION OF
DINITROTOLUENE**

The invention relates to a process for continuous preparation of tolylenediamine by liquid phase hydrogenation of dinitrotoluene with hydrogen in the presence of a suspended nickel-containing catalyst in a reactor with a product removal unit connected downstream of the reactor to obtain a product output from the reactor comprising a liquid phase containing tolylenediamine and dinitrotoluene in which the nickel-containing catalyst is suspended, wherein the concentration of dinitrotoluene in the liquid phase of the product output from the reactor in the region between the reactor and the downstream product removal unit is adjusted to a value in the range from 1 to 200 ppm by weight, based on the total weight of the liquid phase of the product output from the reactor.

No suitable figure