

Supplementary material to

CATALYTIC PERFORMANCE OF DESILICATED HZSM-12 FOR BENZYLATION REACTION OF BENZENE WITH BENZYL ALCOHOL

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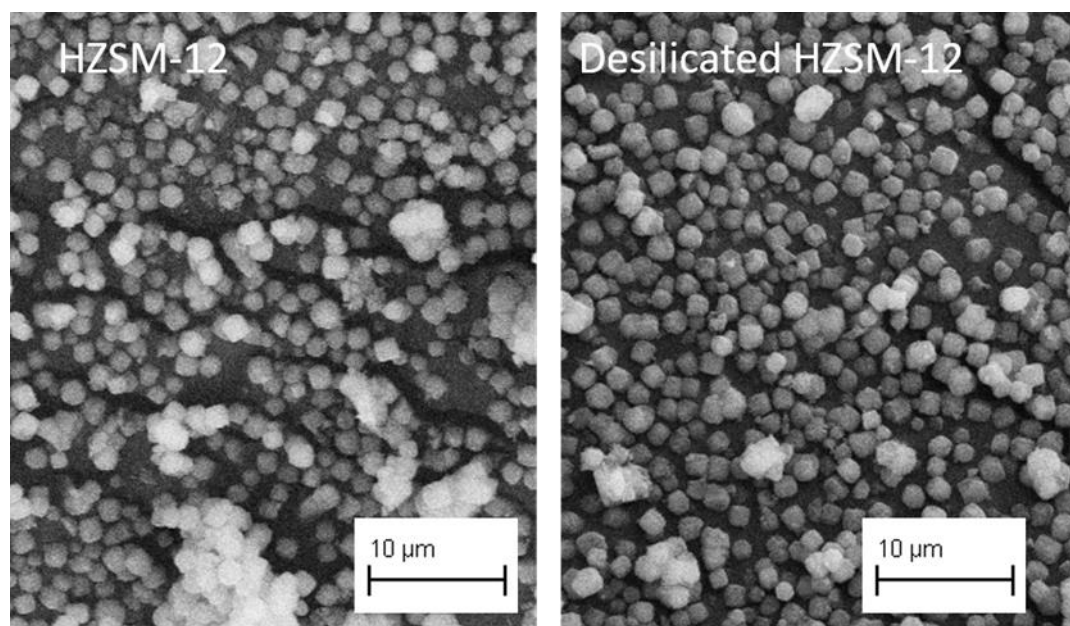


Figure S1. SEM images of HZSM-12 and desilicated samples.

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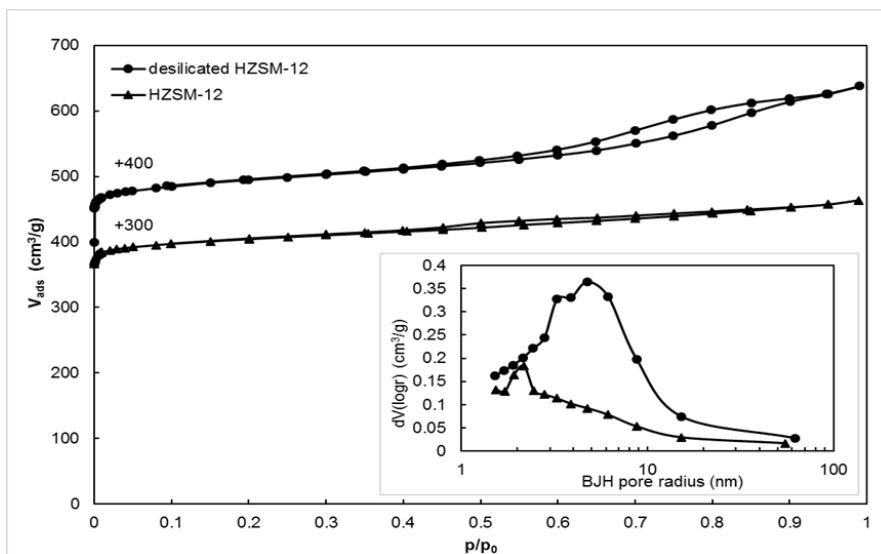


Figure S2. Nitrogen adsorption/desorption isotherms and pore size distribution curves of HZSM-12 and desilicated HZSM-12.

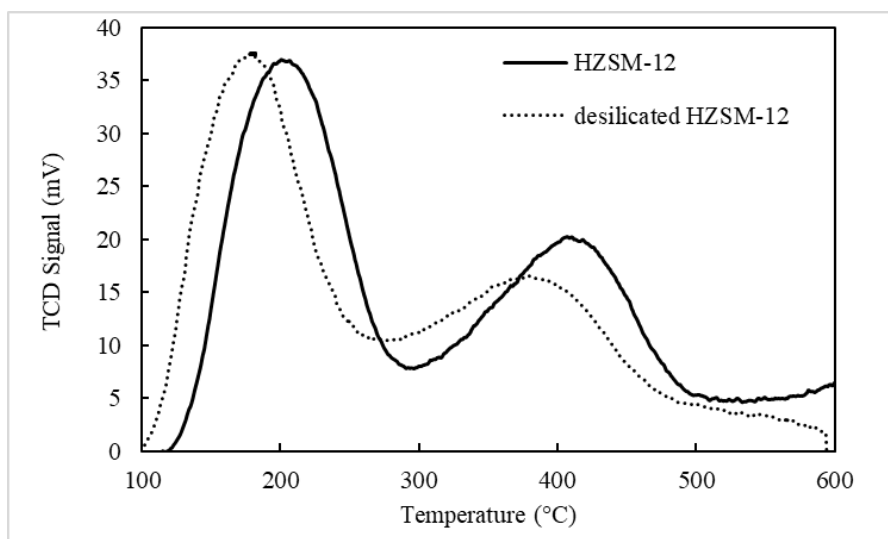


Figure S3. NH_3 -TPD profiles of HZSM-12 and desilicated HZSM-12.

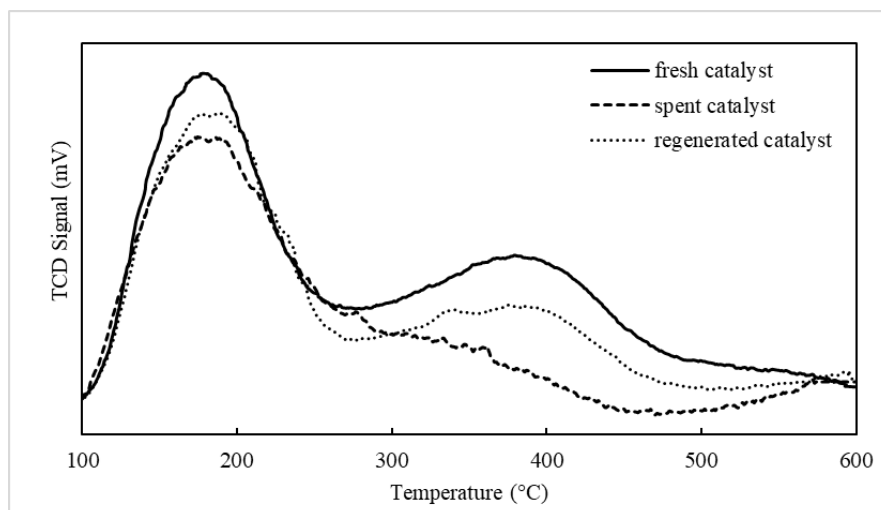


Figure S4. The NH_3 -TPD profiles of the fresh, spent and regenerated catalysts.