

Re: Prep of N,N-diethylarylamines?

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- *From:* BAJJERFAN <BAJJERFAN@xxxxxxx>
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On May 30, 5:32 pm, nico...@xxxxxxxxxxxxx wrote:

On May 29, 2:52 pm, BAJJERFAN <BAJJER...@xxxxxxx>

I assume there is little danger of a reaction getting out of hand but just want to be sure.

If your reaction is not sufficiently exothermic to necessitate cooling at some scale of reaction then your reaction is not likely to proceed spontaneously. The only endothermic reaction that proceed spontaneously are entropically driven by some sort of phase change. Do you have much experience with chemical reactions to warrant a chemical engineering pint of view? Start with small reaction size first and learn from your mistakes

Thanks for the info. It sounds from the procedure that one just mixes and heats. Prolly ok on a lab scale. If it works of course scaleup is a consideration along with price. Just trying to anticipate problems in advance. There is also a procedure that might work which involves heating the anhydrous arylamine hydrochloride with ethanol at elevated temperatures, but this might limit your choice of an outside source since not very may places have the equipment to do this on a large scale.

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