

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_ IJECC _80796
Title of the Manuscript:	HETEROGENEOUS CATALYTIC VINYLATION REACTION OF CYANURIC ACID WITH THE PARTICIPATION OF ACETYLENE AND VARIOUS CATALYSTS
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>Comments to the author This is an interesting article on Heterogeneous catalytic vinylation reaction of cyanuric acid with the participation of acetylene and various catalysts but the problem is that the author in all the manuscript mentionned the word ester but it is an ether !!!!</p> <p>1) Title: under the action of acetylene can be modified, for exemple: Heterogeneous catalytic vinylation reaction of cyanuric acid: Impact of acetylene and various catalysts</p> <p>2) Summary: line 5: it is an ether function and not an ester one!!!</p> <p>3) Introduction: in the 2nd paragraph(line 5) : it is an ether function and not an ester one!!!</p> <p>4) The author says that the vinylation reaction is a heterogeneous catalytic reaction, but he did not explain which catalyst is involved. According to the reaction scheme of the process that he presented in the results and discussion section, DMSO and DMFA are considered as solvents of the reaction medium. In other words if from DMSO and DMFA you obtain your catalyst (you have moved it in the part method and materials 1st paragraph 4th line) this contradicts the writing cact/ KOH and then DMSO and DMFA.</p> <p>5) In table 1: the author talk about the molar ratio 1:1 acetylene-cyanuric acid: does it concern the total reaction or only the reaction of the formation of the vinyl mono-ether. Because it is important to know that acetylene reacts with cyanuric acid in the formation of the mono-ether and this amount of acetylene must be added to the other two amounts corresponding to the formation of the di-ether and the tri-ether respectively. So the cyanuric acid - acetylene molar ratio you considered in table 1 concerns a part of the total acetylene reacted.</p>	
Minor REVISION comments		
Optional/General comments		

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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

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