

***Interactive comment on “Evaluated kinetic and photochemical data for atmospheric chemistry: Volume V – heterogeneous reactions on solid substrates” by J. N. Crowley et al.***

**J. N. Crowley et al.**

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We thank Stephane Le Calve for this comment.

Acetaldehyde + ice: The Petitjean et al data are now incorporated and provide the basis of a new recommendation.

Acetone + ice: The Journet publication was already cited. We now mention the reported effect on uptake of making the ice film by vapour deposition or by freezing a liquid water sample.

The revised datasheets for acetaldehyde and acetone (in the IUPAC web-site format)

C933

are found in the supplement to this comment. Changes are highlighted in blue.

Please also note the supplement to this comment:  
<http://www.atmos-chem-phys-discuss.net/10/C933/2010/acpd-10-C933-2010-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., 10, 5233, 2010.