

Interactive
Comment

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 would like to thank Michael Kerbrat for this comment drawing attention to his new experimental data.

The new Kerbrat et al data on the interaction of HONO with ice are now incorporated and have led to a new preferred value for the partition coefficient. Due to this change in partition coefficient, the other datasheets dealing with the reactions of HI, HBr and HCl with HONO on ice surfaces, which make use of the HONO partition coefficient to parameterize reactive uptake, have been updated with new surface reaction rate constants. These revised datasheets for (in the IUPAC web-site format) are found in

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the supplement to this comment.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/10/C2459/2010/acpd-10-C2459-2010-supplement.pdf>

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

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