

Interactive
Comment

Interactive comment on “Heterogeneous oxidation of saturated organic aerosols by hydroxyl radicals: Uptake kinetics and condensed-phase products” by I. J. George et al.

I. J. George et al.

Received and published: 7 August 2007

Reply to Short Comment by P. Ziemann:

We greatly appreciate the illuminating discussion by P. Ziemann regarding the reaction mechanism. We agree with all the points raised and will use these comments as we discuss in the revised manuscript the various factors affecting the reaction mechanism.

Reply to Short Comment by G. Smith:

We thank G. Smith for bringing the highly relevant study by Hearn et al. (2007) to our attention. We are heartened that this study is in general agreement with our results. In light of the study by Hearn et al. (2007), we will carefully reconsider our conclusions

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

concerning the importance of the reaction pathways based on our results. Their study has highlighted the effect of O₂ concentration on the reaction mechanism. We will state the O₂ concentrations used in our study, and discuss this experimental factor in light of our results.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 6803, 2007.

ACPD

7, S3843–S3844, 2007

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper