

Interactive
Comment

Interactive comment on “Aqueous-phase ozonolysis of methacrolein and methyl vinyl ketone: a potentially important source of atmospheric aqueous oxidants” by Z. M. Chen et al.

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I have problems to accept the authors answer to my main point.

The rate constants for OH and NO₃ reactions with unsaturated first-generation oxidation products of isoprene can well be estimated as near-diffusion controlled.

The concentration levels of either radical could be taken from any aqueous phase modelling study.

With both parameters available, lifetimes and sink strengths can be compared and

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should be discussed.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 17599, 2007.

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