

Quantitative structure–reactivity relationships of hydroxylated linear and cyclic volatile methylsiloxanes

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Predicted persistence and response times of linear and cyclic volatile methylsiloxanes in global and local environments. <i>Chemosphere</i> , 2018, 195, 325-335. | 4.2 | 27 |
| 2 | Atmospheric Fate of Volatile Methyl Siloxanes. <i>Handbook of Environmental Chemistry</i> , 2018, , 227-245. | 0.2 | 0 |
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| 4 | Georeferenced multimedia environmental fate of volatile methylsiloxanes modeled in the populous Tokyo Bay catchment basin. <i>Science of the Total Environment</i> , 2019, 689, 843-853. | 3.9 | 8 |
| 5 | A review of contamination status, emission sources, and human exposure to volatile methyl siloxanes (VMSs) in indoor environments. <i>Science of the Total Environment</i> , 2019, 691, 584-594. | 3.9 | 40 |
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| 7 | Long-range transport potential and atmospheric persistence of cyclic volatile methylsiloxanes based on global measurements. <i>Chemosphere</i> , 2019, 228, 460-468. | 4.2 | 22 |
| 8 | Reducing sampling artifacts in active air sampling methodology for remote monitoring and atmospheric fate assessment of cyclic volatile methylsiloxanes. <i>Chemosphere</i> , 2020, 255, 126967. | 4.2 | 12 |
| 9 | Ex Vivo Human Skin is not a Barrier for Cyclic Siloxanes (Cyclic Silicones): Evidence of Diffusion, Bioaccumulation, and Risk of Dermal Absorption Using a New Validated GC-FID Procedure. <i>Pharmaceutics</i> , 2020, 12, 586. | 2.0 | 7 |
| 10 | Atmospheric Chemistry of Volatile Methyl Siloxanes: Kinetics and Products of Oxidation by OH Radicals and Cl Atoms. <i>Environmental Science & Technology</i> , 2020, 54, 5992-5999. | 4.6 | 30 |
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| 13 | PM2.5-bound silicon-containing secondary organic aerosols (Si-SOA) in Beijing ambient air. <i>Chemosphere</i> , 2021, 288, 132377. | 4.2 | 5 |
| 14 | Application of multimedia models for understanding the environmental behavior of volatile methylsiloxanes: Fate, transport, and bioaccumulation. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 599-621. | 1.6 | 5 |
| 15 | Secondary organic aerosol formation from the oxidation of decamethylcyclopentasiloxane at atmospherically relevant OH concentrations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 917-928. | 1.9 | 9 |
| 16 | Atmospheric Degradation of Cyclic Volatile Methyl Siloxanes: Radical Chemistry and Oxidation Products. <i>ACS Environmental Au</i> , 2022, 2, 263-274. | 3.3 | 12 |
| 17 | Secondary organic aerosols from OH oxidation of cyclic volatile methyl siloxanes as an important Si source in the atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 10827-10839. | 1.9 | 5 |
| 18 | Seasonal and latitudinal variability in the atmospheric concentrations of cyclic volatile methyl siloxanes in the Northern Hemisphere. <i>Environmental Sciences: Processes and Impacts</i> , 2023, 25, 496-506. | 1.7 | 1 |