Hydrolytische Bildung von Perchlorsiloxanen
Formation of Chlorosiloxanes by Hydrolysis
Heike Quellhorst, Andreas Wilkening, Nicola Söger, Michael Binnewies*
Institut für Anorganische Chemie der Universität Hannover, Callinstraße 9, D-30167 Hannover
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During the reaction of Si₂OCl₆ with H₂O in the gas phase the intermediate Si₂OCl₅OH has been observed by mass-spectrometry. Reactive intermediates like this are responsible for the formation of higher chlorosilanes by slow hydrolysis reactions of chlorosilanes and -siloxanes. Reaction products of inter- and intramolecular condensation reactions have been observed by GC-MS-methods.

* Sonderdruckanforderungen an Prof. Dr. M. Binnewies. Fax: +49 511 762 3006