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(54) **Title:** CHEMICAL CLEANING AGENT AND PROCESS FOR CLEANING FILTRATION MEMBRANES

(57) **Abstract:** Methods for cleaning a membrane, such a porous polymeric ultrafiltration or microfÊltration membranes (*eg* PVdF or Halar) , comprising contacting the membrane with an aqueous solution comprising a monopersulfate anion. Buffers, chelating agents, catalysts, and combinations thereof can be added. The monopersulfate anion is most advantageously in the form of a potassium triple salt Of H_2SO_5, HSO_5^-, SO_5^{2-} . Solutions comprising monopersulfate anions can be fed into a feed side of the membrane and the membrane is allowed to stand and soak in the solution or injected to the filtrate side prior to a membrane backwash. An aeration step and/or irradiation with ultraviolet light can be used.