Title	Cleaning of a model food soil from horizontal plates by a moving vertical water jet
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Summary paragraph	Experimental investigation of removal of thin Xanthan gum layers on flat horizontal plates by a coherent water jet impinging perpendicularly on the plate. Removal was monitored by a fluorescence technique. The shape and final width of the curved cleaning front was predicted by a first order peeling model based on the momentum flow in the film.
Novel/notable aspects	Stationary and moving nozzle data agree
Flow key words	Impinging liquid jet; coherent jet; moving nozzle
Cleaning type/key words	Peeling; adhesive removal; Xanthan gum soiling layer; fluorescence monitoring; open surface cleaning
Field/background	Chemical engineering; mechanical engineering
Theory/method/analysis key words	Momentum balances; thin films; shape of cleaning front; first order removal model