

# PAA Solutions

Wastewater Treatment News from Solvay Chemicals

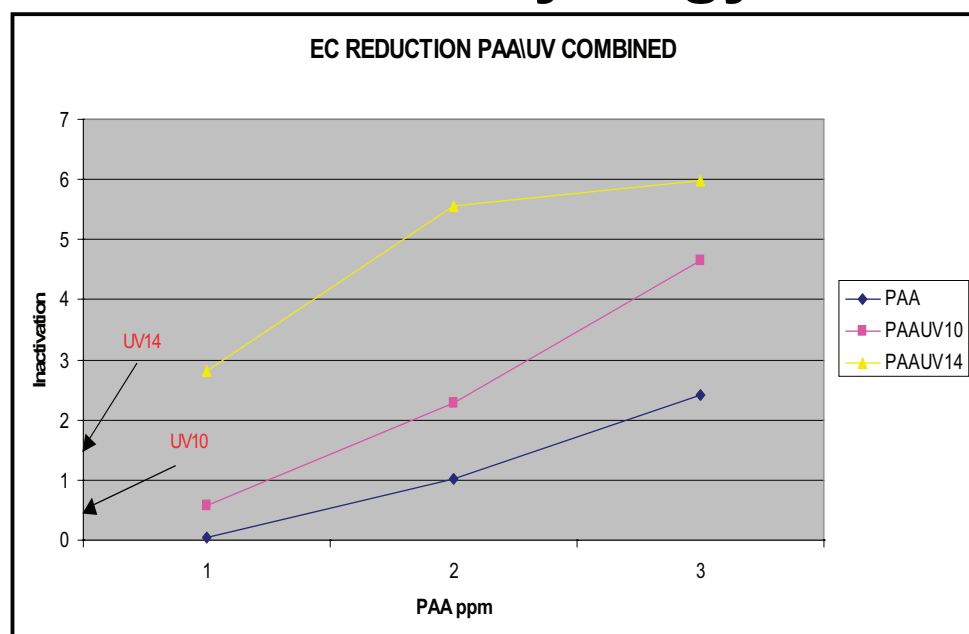


## Summer heat and wet weather call for Proxitane WW-12 PAA, the effective wastewater disinfectant!

Summer's here, and appealing as that is, the onset of the wet-weather season makes wastewater disinfection critical. If you haven't already done so, now's the time to consider Proxitane WW-12 peracetic acid. Cost-competitive with chlorine-based, UV-based and ozone-based wastewater disinfection systems, Proxitane WW-12 has been proven to increase the capacity of undersized UV systems. Peracetic acid and UV synergy are shown in the graph below.

Soluble in water, and an effective disinfectant for fecal coliforms, fecal streptococci, total coliforms, and E.coli bacteria, peracetic acid has been used for years to help control wastewater odors. Its effectiveness is stable under normal ambient conditions for one year.

## PAA & UV Synergy



### PAA injected immediately upstream of UV system – minimal contact time

*"Inactivation of enteric microorganisms with chemical disinfectants, UV irradiation and combined chemical/UV treatments"; J. Koivunen, H. Heinonen-Tanski; Water Research 39 (2005) 1519-1526*



A Newsletter  
from Solvay  
Chemicals, Inc.  
Houston, Texas  
USA  
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