



A new disinfectant for the tool chest - peracetic acid

Straus, Dave; Meinelt, Thomas; Liu, Dibo; Pedersen, Lars-Flemming; Good, Chris; Davidson, John

Published in:
Book of Abstracts World Aquaculture Society 2019

Publication date:
2019

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Straus, D., Meinelt, T., Liu, D., Pedersen, L.-F., Good, C., & Davidson, J. (2019). A new disinfectant for the tool chest - peracetic acid. In *Book of Abstracts World Aquaculture Society 2019* (pp. 1057-1057). World Aquaculture Society.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

A NEW DISINFECTANT FOR THE TOOL CHEST - PERACETIC ACID

Dave Straus*, Thomas Meinelt, Dibo Liu, Lars-Flemming Pedersen, Chris Good and John Davidson

USDA - Agricultural Research Service
Harry K. Dupree - Stuttgart National Aquaculture Research Center
Stuttgart, AR 72160
Dave.Straus@ars.usda.gov

Peracetic acid (PAA) is a potent new disinfectant that is very economical to use compared to the traditional products. It is also a much greener product. PAA is a combination of acetic acid and hydrogen peroxide (with a stabilizer) that degrades rapidly. It has replaced chlorine in many industries. Uses include: sanitation in food/beverage plants, agricultural facilities, wineries/breweries, greenhouse equipment, animal housing, used to prevent bio-film formation in paper/pulp industries, wastewater treatment, commercial laundries and poultry processing.

PAA is approved as a disinfectant for the US aquaculture industry for two products:

PeroxyChem's VigorOx® SP-15 Antimicrobial Agent (EPA registration June 26, 2017) is for: 1) Sanitizing surfaces of harvesting equipment used in the aquaculture industry, and 2) Cleaning and disinfecting fish culture tanks and raceways when water is drained and fish are not present.

AquaTactics' Aqua Des™ (approved November 3, 2017) is for: 1) In-water use in fish ponds/raceways (remove fish from pond prior to use and test for residual PAA levels prior to restocking), 2) Use on aquaculture equipment (pumps, boots, foot bath mats, net dips, waders, dive equipment, etc.), and 3) Use on fish pond equipment (water free raceways, gratings, pipes, etc).

