

## APPROVED DISINFECTANT LIST

As of March 20, 2012, the following products have been approved by the US Environmental Protection Agency for use in a Foot-and-Mouth Disease event:

- Oxonia Active from Ecolab, Inc. (EPA Reg. No. 1677-129)
- Lonza DC 101 from Lonza, Inc. (EPA Reg. No. 6836-86)
- Aseptrol S10-TAB from BASF Catalysts, LLC, (EPA Reg. No. 70060-19)
- Aseptrol FC-TAB from BASF Catalysts, LLC, (EPA Reg. No. 70060-30)
- Virkon S from E.I. du Pont de Nemours & Company, (EPA Reg. No.71654-6)
- Sodium hypochlorite 6.0% (household bleach) may be used if proprietary products are not available. Make a 1000 parts per million solution of sodium hypochlorite 6.0% by adding 1/3 cup of chlorine bleach to 1 gallon of water. Mix thoroughly. Recommended contact time is 10 minutes. This solution must be mixed fresh prior to each application because it is unstable in warm, sunny conditions (above 59°F).

Only sodium hypochlorite is approved for use by people who are not licensed applicators, such as most farmers. Approval from EPA is being sought for citric acid.

In the U.S., the Environmental Protection Agency (EPA) regulates disinfectants under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). This law requires that all label use directions and safety precautions be followed. The labeling for each EPA-registered disinfectant lists the disease agents it effectively inactivates. In the case of the FMD virus, only a few products are currently labeled for this virus on hard, nonporous, nonfood contact surfaces. There is only one food contact surface sanitizer registered for use against FMD virus. In emergencies, when EPA registered products may not be available, EPA may grant exemptions for unregistered uses of registered pesticides, or uses of unregistered pesticides, to USDA-APHIS personnel, State Departments of Agriculture personnel, or possibly farmers or individuals to use a specific pesticide for a limited time by designated personnel.

Reference: [http://www.aphis.usda.gov/emergency\\_response/downloads/nahems/Selected\\_FAD\\_table\\_Oct\\_2011.pdf](http://www.aphis.usda.gov/emergency_response/downloads/nahems/Selected_FAD_table_Oct_2011.pdf)