

ARE YOU AWARE?

Hard surface disinfectants in Canada fall under the authority of Health Canada and are regulated as drugs. This means that they need to be registered and once approved get granted a DIN number with is a drug identification number. To manufacturer disinfectants, companies have to follow very tight manufacturing guidelines called GMP (Good Manufacturing Practice). Also part of the approval process is a very strict review of the directions for use as well as the specific claims for killing certain micro organisms. It is therefore very important that label directions are followed for all applications for disinfection.

We have been receiving some questions on whether our products can be used on certain new outbreaks of disease that Canadian disinfectants have not been traditionally tested on. This includes Ebola and Enterovirus D68.

What Public Health Agency of Canada will do in these instances is to issue a statement that states a disinfectant is already approved for certain organisms that have similar structure they will make the assumption that it will be effective on the new target organism. In the case of Ebola the following statement was issued:

As per PHAC (Public Health Agency of Canada): *"Health Canada recommends products with the following approved criteria for disinfectants that are expected to inactivate Ebola virus: Registered in Canada with a Drug Identification Number (DIN), and the label should have a "broad spectrum virucide" claim...against any of: Adenovirus type 2 or 5, Bovine Parovirus, Canine Parvovirus, Poliovirus type 1"*

<http://www.phac-aspc.gc.ca/id-mi/vhf-fvh/ebola-ipc-pci-eng.php>

Based on the PHAC guidelines the two Armstrong disinfectants that meet this requirement are:

ProSeries Detergent Disinfectant Pump Spray RTU - DIN 02342839

StrongArm Neu Quat (Concentrate) - DIN 02312875

Before the recent increase in reported cases, Enterovirus -D68 has not been of specific interest to public health. Therefore, the current range of disinfectants available in the market has not been directly tested on this strain.

However public health authorities have made the following recommendations: **Center for Disease Control (CDC) and National Collaborating Centre for Infectious Diseases (NCCID):** *"As EV-D68 is a non-enveloped virus, environmental disinfection of surfaces in healthcare settings should be performed using a hospital-grade disinfectant with an EPA (DIN Health Canada for Canada) label claim for any of several non-enveloped viruses (e.g. Hepatitis A, Adenovirus, canine parvovirus, poliovirus type 1)."*

Public Health Ontario:

Environmental disinfection of surfaces in healthcare settings should be performed using a hospital-grade disinfectant with a label claim of effectiveness against non-enveloped viruses. (such as Hepatitis A or Adenovirus, canine parvovirus, poliovirus type)
Again the following disinfectants meet these requirements:

ProSeries Detergent Disinfectant Pump Spray RTU - DIN 02342839

StrongArm Neu Quat (Concentrate) - DIN 02312875

Martin Vince, B.Sc (Honours)

Technical Consultant

Lizmar Consulting