

# A Guide to EPA-Regulated Disinfecting Devices

How do pesticide devices differ from

## Registered pesticide products?

According to the EPA, a pesticide device is "an instrument or contrivance (other than a firearm) that is used to destroy, repel, trap or mitigate (lessen the severity of) any pest such as insects, weeds, rodents, certain other animals, birds, *mold/mildew, bacteria and viruses.*" [italics ours]

By contrast, a pesticide product "contains a substance or mixture of substances that is intended to destroy, repel, prevent or mitigate (lessen the severity of) a pest."

EPA: "Pesticides are commonly thought of as chemicals." A pesticide product "must be registered unless it qualifies for an exemption."

## Pesticide device — what is it?

A pesticide device "works by physical means (such as electricity, light or mechanics), and does not contain a substance or mixture of substances to perform its intended pesticidal purpose."

How can you recognize a regulated device versus a registered product?

Recognizing a Device by Reading the Label.

Per EPA: "A pesticide device that is EPA regulated will include an EPA Establishment Number on the label. It will *not* include an EPA Registration Number, which would only be found on chemical pesticide products.

Higher quality devices- such as those equipped with TANCS® may also have their process patented.



Label with EPA Establishment Number

## What does a device claim mean?

EPA: "We do not require registration for these. However, these devices are regulated in that 'false or misleading claims' cannot be made about the effectiveness of devices. ***"If a manufacturer is making claims about a device, they should have scientific data to back up the claims."*** [italics ours]

**LEARN MORE:**

See the validating data for the TANCS® System by visiting <http://www.advap.com/reports/> For additional device information, visit <http://www.epa.gov/pesticides/factsheets/devices.htm#1>

## Because every second counts...

Our EPA-Regulated Pesticide Device  
2-5 seconds\*



Claims based on using the MondoVap® 2400 Institutional System disinfection device.



MRSA



Norovirus



C. Difficile



Pseudomonas



Salmonella



VRE

EPA-Registered Pesticide Products  
3-30 minutes\*  
\*Based on Wet Dwell Time

COMMONLY USED PESTICIDES:

Sodium hypochlorite  
(bleach)

Phenols/chlorinated  
(no efficacy against non-enveloped viruses)

Quaternary ammonium compounds  
(typically does not have the efficacy against viruses)

Hydrogen peroxide  
(30 seconds to 5 minutes depending on target organism)

**KNOW THE FACTS:**

\*See the validating data for the TANCS® System by visiting <http://www.advap.com/reports/>

TANCS® - U.S. Patent No. 7,547,413

DATA PROVIDED BY:  
ADVANCED

**VAPOR**  
TECHNOLOGIES  
[www.advap.com](http://www.advap.com) • 1.800.997.6584