

# PPDC Spring Meeting Emerging Pathogens Implementation Committee (EPIC) Updates

## Chairs/Presenters

**Tajah Blackburn, USEPA**

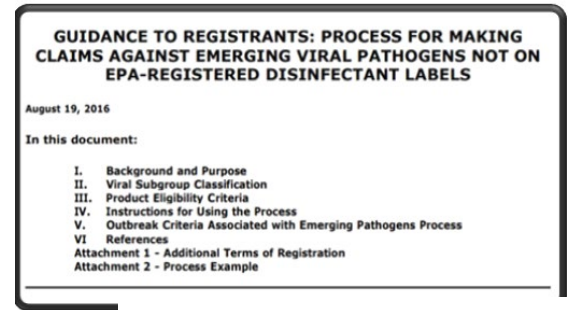
**Rhonda Jones, SRC**

**Anastasia Swearingen, CBC**

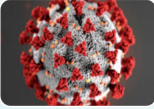




# Agenda

- Background/Timeline
- AD Accomplishments
- Formation of New Workgroup/Members
- Updates/Next Steps for Sub-Workgroups
  - Technical
  - Policy
  - Communication/Education
- Questions



## EPWG Objectives

		
<b>Objective #1:</b> Assess EPA's COVID-19 response and stakeholder experiences with the Emerging Viral Pathogens (EVP) Guidance for Antimicrobial Pesticides	<b>Objective #2:</b> Assess the user experience with antimicrobial disinfection products registered by the EPA for infection control	<b>Objective #3:</b> Provide recommendations to EPA for policy improvements and identify educational gaps

## List N: Disinfectants for Coronavirus (COVID-19)

[Find a Product to Kill Coronavirus \(COVID-19\)](#)

[Infographic: How to use disinfectants safely and effectively - IMPORTANT, PLEASE READ](#)

[Use our advanced search option to find a product](#)

# Background/Timeline

2020

- Emerging Pathogen Workgroup (EPWG) was proposed in Fall 2020 to conduct a retrospective analysis of the Emerging Viral Pathogen Policy and EPA's antimicrobial response to COVID-19 pandemic.
- EPWG was formed in December 2020 with 1<sup>st</sup> meeting occurring in January 2021, comprising of > 20 members representing regulated industry, academia, trade associations, regulatory/technical consultants, transportation industry, and CDC.

2021-2022

- Met Biweekly to address 4 charge questions
- EPWG provided >85 recommendations to EPA for consideration and prioritization

2022-2023

- Antimicrobials Division (AD) prioritized the recommendations for consideration in the implementation phase (presented at the May 2022 PPDC Spring Meeting)
- PPDC voted to (1) form a new workgroup to refine and implement the recommendations, and (2) focus on how to expand to other types of antimicrobial pathogens

# AD Accomplishments to Date

- Landing page: [Emerging Viral Pathogen Guidance and Status for Antimicrobial Pesticides](#) (November 2021)
- Proactive listing of organisms before reaching US soil ([List Q](#) for Mpox: May 2022; [Ebola](#): October 2022; [Marburg](#): April 2023)
- Continued dialogues with federal partners
- List Re-modernization Events
- Translation process initiated for EVP websites

## Active Cases Triggering the Emerging Viral Pathogens Policy

The Emerging Viral Pathogens guidance is currently active for the following pathogens:

Pathogen	Description	Activated	Expires	More Information
Marburg Virus	Marburg virus disease is a rare disease that is caused by an infection from the Marburg virus. <a href="#">Learn more about Marburg virus</a> <a href="#">G</a>	April 2023	April 2025	<a href="#">List Q: Disinfectants for Emerging Viral Pathogens (EVP)</a>

## Emerging Viral Pathogen Guidance and Status for Antimicrobial Pesticides

On this page:

- [Overview](#)
- [Active cases triggering the emerging viral pathogens policy](#)
- [Information for registrants](#)
- [Additional resources](#)

# Formation of Emerging Pathogens Implementation Committee (EPIC)

- Meetings were initiated in July 2022 for 2-year assignment; with several members from the initial EPWG seeking participation in EPIC.
- Focus on the prioritized recommendations regarding the (1) Emerging Viral Pathogen (EVP) Guidance (**Technical Workgroup**), (2) Communication/Educational gaps from several sectors (**Comms/Education Workgroup**), and (3) policy changes proposed and retained during the pandemic and normal operations (**Policy Workgroup**).
- EPIC small workgroups were formed to address each of the prioritized recommendations for the 3 main headings identified.
- Large group meetings (every 2 months) were conducted to bring all members up-to-date following small workgroup discussions.

# EPIC Members

- Matt Arduino, CDC
- Ellen Baldassare, LANXESS
- Steve Bennett, HCPA
- Diane Boesenberg, Exponent
- Alex Cook, First Group
- Patti Costello, AHA
- Lisa Dreilinger, Arxada
- Seth Goldberg, Steptoe
- James Kim, Cleaning Institute
- Pat Quinn, The Accord Group
- Kate Sande, Ecolab
- Tajah Blackburn, EPA (Chair)
- Rhonda Jones, SRC (Chair)
- Anastasia Swearingen, CBC (Chair)

# PPDC EPIC Technical Work Group Status

## **Roster To Date:**

Rhonda Jones, SRC, Lead

Kristie Restrepo, Ecolab

Shanen Conway, Element

Milady Brutofsky, TSG

Diane Boesenberg, Exponent

Pat Quinn, Accord Group

Lisa Dreilinger, Arxada

Matt Arduino, CDC

Ellen Baldassare, Lanxess

Patti Costello, AHA

Nicole Karikari, EPA AD

Tajah Blackburn, EPA AD

Anastasia Swearingen, CBC

# Technical Work Group Proposed Recommended Changes for Agency Consideration

- **High Priority Recommendations: Proposed Revisions to Emerging Viral Pathogen (EVP) Guidance:**
  - **Phase 1: Viral Focus Only – Submitted to EPA May 15, 2023**
    - Other Proposed PPDC Recommendations of Varying Priority for Agency consideration:
      - ✓ Expand Policy to include new uses being allowed viral claims (Sanitizers)
      - ✓ Path to verify product performance
      - ✓ Proactive mechanism for assuring all products have EVP and Lists updated
      - ✓ Reduce ambiguity in viral hierarchy
      - ✓ Expand to proactive use prior to an outbreak on US soil
      - ✓ Expand/Add flexibility to the to EVP language, product use (contact times/dilutions) and placement
      - ✓ Expand to include other emergencies (storms, supply chain, etc.)
      - ✓ Consider bacterial efficacy as pre-requisite for enveloped viruses and spores for all viruses
      - ✓ Support use for animal pathogens
      - ✓ Allow for use of non-GLP data ; Confirm EVP will continue to be supported by 810.2200 data requirements
      - ✓ Assist Policy Group with “On Label” Icon Development to align with EVP Policy
      - ✓ Review draft guidance to expand viral claims to other uses – help expand to other uses



# Proposed Recommended Changes to EVP

- Expanded surface types/uses
  - Hard and soft porous and fabric surfaces for non-residual and residual uses
  - Laundry, Food contact and non-food contact sanitization, Sterilant/Sporicide
  - Provide EPA with flexibility to add more as need arises or to maintain supply chain
- Expanded hierarchy to include bacterial spore-formers to qualify for EVP
  - Provide EPA with flexibility to add more as need arises or to maintain supply chain
- Expanded use of animal or human viruses may be used to support EVP for each other
- Expanded allowed EVP communication language including table format and use directions
- Expanded where the EVP communication may be used
- Established EPA Web landing page as communication hub
- Added allowance for a QR code or other equivalent “on label” link to EVP communications
- Expanded to allow EPA to trigger the policy for outbreaks outside the US where potential exists to impact the US to allow for preparedness
- Expanded the Regulatory Agencies the EPA may rely upon to identify outbreaks, viral structure, and transmission (e.g., USDA, HAN Alerts)
- Added/Updated registration process and templates (e.g., cover letter, “terms”, Master Label)

# Technical Work Group: Future Activities

- **What's Next?**

- **High Priority:**

- Discuss/Expand EVP to other microbes
      - EPA BEAD provided a literature search
      - Expand literature search (data development may be necessary)

- **Medium/Low Priority:**

- Identify any gaps in current EVP Landing Page
    - Draft revisions to 810 guidelines to add ESS and Residual guides
    - Product compatibility with common surface materials + Policy Group
    - Interface with PR Notice 98-10 to address emergencies for faster submission processing + Policy Group
    - Assist with Section 18 Efficacy Guidance + Policy Group
    - Extend Residual Guidance to other microorganism types

# PPDC EPIC Policy Work Group Status

## **Roster To Date:**

Anastasia Swearingen, CBC, Lead

Rhonda Jones, SRC

Diane Boesenberg, Exponent

Pat Quinn, Accord Group

Lisa Dreilinger, Araxda

Seth Goldberg, Steptoe &  
Johnson

Matt Arduino, CDC

Ellen Baldassare, Lanxess

Patti Costello, AHA

Tajah Blackburn, EPA AD

# Policy Work Group Activities

- **Explore Options for On-Label/Point of Sale Information on EVP Products**
  - Developed preliminary proposal for use of QR code to convey EVP language from updated EVP policy—*Still under exploration with AD*
  - Reviewed previous proposal for icons on packaging—*De-prioritized based on current regulatory hurdles*
- **Explore Options for Streamlining Incident Reporting**
  - Learning more from OECA on Enforcement and Compliance History Online (ECHO) database statistics and capabilities
- **Evaluate Policy Options to Address Feedback from User Groups**
  - Tools for understanding surface compatibility questions (with Technical WG)
  - Explore communications tools for sharing use information targeted at specific use sites (e.g., daycares, farms) (with Communications WG)

# Sample QR Code



Emerging Viral Pathogens – Text
Emerging Viral Pathogens – Table
Safety Data Sheet – English
Safety Data Sheet – Espanol
Smart Label



(Insert EVP Icon)

## Monkeypox

Disinfecting Spray has demonstrated effectiveness against viruses similar to Mpox virus on hard, non-porous surfaces. Therefore, Disinfecting Spray can be used against Mpox virus, when used in accordance with the directions for use for Feline calicivirus (Norovirus) on hard, non-porous. Refer to the CDC website at <https://www.cdc.gov/poxvirus/monkeypox> for additional information.

*Example for discussion purposes only*

# Policy Work Group: Future Activities

- Develop policy recommendations for deploying additional resources during public health emergencies
- Product compatibility with common surface materials + Technical Group
- Interface with PR Notice 98-10 to address emergencies for faster submission processing + Technical Group
- Assist with Section 18 Efficacy Guidance + Technical Group

# PPDC EPIC Communications/ Education Work Group Status

## **Roster To Date:**

Tajah Blackburn, EPA, Lead

Alex Cook, First Group

Matt Arduino, CDC

Ellen Baldassare, LANXESS

Steve Bennett, HCPA

Jim Kim, ACI

Anastasia Swearingen, CBC

Rhonda Jones, SRC

# EPWG Charge Question #3



What education is needed during a pandemic or other emergency for the public, end users, and other regulating authorities?



**Issue:** There was ineffective messaging across several sectors due to information and education gaps.



**Response:** Develop targeted resources and references for general and specialized messaging for key sectors at different stages of a pandemic/emergency gathered through planned outreach tools (surveys, etc.) and lessons learned.



# Information Gathering Processes



Generated Survey  
questions



Challenges with  
sending out survey  
questions



Alternate route to  
gathering information



Other Resources

# Sector Information Status

## Successfully Gathered

- CDC Vessel Sanitation Program (VSP)
- Immigrant/Migrant Farmers
- Migrant Clinicians
- Teachers' Association
- Hotel Chain

## Remaining/Outstanding

- FAA
- Ground Transportation Groups
- FDA/CFSAN
- USDA
- ASPR
- Healthcare User Groups

# Recurring Themes Across Sector Information



Exposure Issues

Overuse

Lacking Worker Protections Standard (WPS) Information for Antimicrobial Pesticides



Interchangeable use of “disinfectants” and “sanitizers”



Language barriers

Dialect issues

Overall literacy challenges



Incompatibility issues with exposed surfaces



Wrap-up Sector  
Information Gathering  
(**End of JUNE**)



Complete Spanish  
Translations For Certain  
Aspects Of EVP  
Guidance And  
Instructions For List Q  
Websites  
(**DECEMBER 2023**)



Propose  
Products/Locations  
(Infographics, Centralize  
Information, etc.)  
(**MAY 2024**)

## Communication/Education Work Group: Future Activities

# Questions?

