

US EPA ARCHIVE DOCUMENT

# **OPP Incident Data Workgroup**

**Update to the PPDC  
October 8, 2008**

# Overview

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- **Background Information**

Anne Overstreet

- **Ongoing work**

- **Example-use of incident data in OPP decision**

- **Current case study-The Pyrethrins/Pyrethroids Allergy/Asthma Workgroup (P<sup>2</sup>A<sup>2</sup>W)**

Molly Clayton

- **National Pesticide Information Center (NPIC) New Portal**

Frank Davido

# Background

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- In 2006, OPP committed to presenting a series of reports on incident information to the PPDC.
- In October 2007, the Agency presented the first report which provided an overview of the main sources/limitations of incident data, how the Agency currently utilizes the information in risk communication, performance accountability and enforcement.
- In an ongoing effort, an OPP-wide Incident Data Workgroup was formed to build on past work and develop a strategic plan to improve the Agency's management and utilization of incident data.
- In this effort, OPP is committed to considering the best methods to take full advantage of incident data which includes:
  - Scrutinizing internal processes
  - Reviewing existing data sources

# Ongoing Work

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- Continue to develop and implement a strategic plan to improve the acquisition, management and utilization of incident data in both risk assessment and risk management within regulatory programs of OPP.
  
- Incident Data Acquisition and Management
  - Development of an improved electronic system for reporting (web based portal), tracking, managing and analyzing incident data.
  - Improve outreach with other federal agencies, states, regions, and stakeholders in order to obtain more robust incident data
  
- Incident Data Utilization
  - Risk assessment/risk management
  - Performance accountability
  - Facilitate the use of established incident data sources (outside of OPP) available but not being utilized to their fullest.
  - Enforcement
  - Trend analysis

# Incident Data Use in More Recent Risk Management Decisions

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- **Example: METALDEHYDE**
- NPIC reported large number of incidents, mainly among dogs ingesting pellets, including many deaths
- Reregistration Eligibility Decision (RED) team examined other information sources and found a large number of incidents reported to American Society for the Prevention of Cruelty to Animal's Animal Poison Control Center (APCC)
- APCC data revealed extent of problem and nature of exposures in greater detail
- This information helped to inform the risk managers in a decision mandating that products for residential use bear labeling to inform the user about risks to domestic animals
- Efficacy of aversion agent to be tested
- Registrants to develop detailed incident reporting system

# The Pyrethrins/Pyrethroids Allergy/Asthma Workgroup (P<sup>2</sup>A<sup>2</sup>W)

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## ■ PURPOSE

- Review all available data, including incident data, to determine whether or not there is an association between exposure to currently registered pyrethrins/pyrethroid products and asthma or allergic effects in humans
- Determine whether regulatory action is needed to address any potential association

# Why is the Agency Undertaking This Effort?

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- Some sources have concluded that pyrethrins/pyrethroids may exacerbate asthma and allergy symptoms in sensitive individuals.
- FDA requires that labels for lice treatments containing pyrethrins warn that use by individuals who are allergic to ragweed may cause breathing difficulty or an asthma attack. (Ragweed allergy was presumed to be an indicator of sensitivity to the pyrethrins.)
- In 2006, the Agency obtained a commitment from the pyrethrins registrants to initiate a product stewardship program involving outreach to physicians and the Poison Control Centers and more extensive monitoring of incidents associated with use of the pyrethrins.
- The Agency is considering whether additional risk management measures are needed for the pyrethroids.



# The P<sup>2</sup>A<sup>2</sup>W Review Focus/Next Steps

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- Part 158 laboratory studies in animals
- Incident information from databases considered to be the most robust for the group's objectives:
  - OPP's Incident Data System (IDS)
  - American Association of Poison Control Centers' National Poison Data System (AAPCC)
  - National Pesticide Information Center (NPIC)
- Chemical specific incident reviews for pyrethrins and these representative pyrethroids:
  - bifenthrin
  - deltamethrin
  - permethrin
  - resmethrin
  - sumethrin
  - tetramethrin
- Office Director briefing scheduled for October, 2008

# National Pesticide Information Center (NPIC) Update

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- What is NPIC?
- Launch of the American Veterinary Medical Association (AVMA) reporting portal

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## Veterinary Pesticide Adverse Effects Reporting

Welcome to NPIC's Veterinary Pesticide Adverse Effects Reporting portal.

**This system is only for use by veterinarians or their staff to report adverse effects of an animal's exposure to pesticides.**

The purpose of this system is to gather information from **qualified** medical professionals. Use of this system by others is strongly discouraged and may result in the termination of this service.

If you are not a veterinarian, but would like to report an adverse effect of a pesticide to your pet, please call NPIC at 1-800-858-7378 and we will take your report over the phone.

Information provided via this system to NPIC will be used internally and will only be shared with the EPA. No data will be sold or shared with other third parties.

Click the appropriate button below if you are a veterinarian and would like to submit a report.

[Yes, I Am A Veterinarian](#)[No, I Am Not A Veterinarian](#)



## Veterinary Pesticide Adverse Effects Reporting

### Pesticide Product Information

Please provide as much information as possible about the product involved in the exposure. The EPA Registration Number is the best piece of information you can give us about the product. If you don't have that, the product's name and active ingredients should be provided instead.

For exposures of animals to multiple products, please provide information here for the primary product, and provide additional details about other products on the "Notes" screen on page 3. If you need help or the exposure is complex, please call us at 1-800-858-7378.

Pesticide Registration Number:

Product Name:

Active Ingredient:

[click to add more ingredients...](#) Active Ingredient %

Type of pesticide:

Formulation:

[Save and go to Next Screen](#)

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## Veterinary Pesticide Adverse Effects Reporting

**Product saved successfully.**

Required fields are shown with **green text on a light background.**

### Animal and Exposure Information

**Species:** (click to select a species)   
 Breed:   
 Sex:  male  female  
        neutered male  neutered female  
 Age:   days  months  years  
 Weight:   lbs  kg  
 Date of exposure (month/day/year):   
 Date of examination (month/day/year):

**In what U.S. state/territory did the exposure occur?** (click to select a state)

**Route(s) of Exposure:** (may pick more than one -- hold the [ctrl] or [command] key while clicking)  
 Dermal  
 Oral  
 Grooming of other animal  
 Inhalation  
 Other (describe below)

Additional Details of Exposure:

**Toxicity/signs:** (may pick more than one -- hold the [ctrl] or [command] key while clicking)  
 Neurological:  
        Tremor  
        Seizure  
        Depression  
        Excited/aggressive

Additional Details Of Toxicity:

Onset of Symptoms:   minutes  hours  days

**Outcome:** (click to select an outcome)   
 Additional Details Of Outcome:

- [Save and go to Next Screen](#)
- [Cancel and go back to Page 1](#)
- [Save and Add Another Animal](#)