

Reevaluation Status Report

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Formal Reevaluation

- Chloropicrin
- Diazinon
- Chlorpyrifos
- Cyfluthrin
- Methyl Bromide
- Brodifacoum
- VOC - Thermogravimetric Analysis (TGA) Data Call-in
- VOC – Reformulation
- Pyrethroid

Chloropicrin

- Initiated as a result of SB950 data.
- Conduct worker exposure studies and air quality monitoring studies.
- Data received in August of 2005.
- Information will be used in risk assessment.

Diazinon

- Initiated based on water quality monitoring at levels exceeding WQOs.
- Supplemental labeling established to mitigate off-site movement.
- 2006 monitoring of dormant spray season
- Registrant activities

Chlorpyrifos

- Initiated based on water quality monitoring data showing exceedances.
- U.S. EPA I.R.E.D.
- Monitoring being conducted in Delta and San Joaquin watersheds.
- Final report due to DPR in February 2008.

Cyfluthrin

- Initiated based on a worker exposure incident.
- Data developed in 2004.
- Information will be used in risk assessment.

Methyl Bromide

- Initiated based on air monitoring data.
- Mitigation to protect workers established through regulations.
- Conclusion will be reached once DPR determines the regulations effectiveness.

Brodifacoum

- Initiated based on wildlife exposure concerns.
- Several more incidents of non-target wildlife exposures.
- Proposed mitigation at a the November 2005 PREC meeting.

U.S. EPA Proposed Risk Mitigation Decision on Rodenticides

- Make 2nd generation anticoagulants including brodifacoum, bromadiolone, and difethialone restricted use materials for use by certified applicators.
- 1st generation anticoagulants (chlorophacinone, diphacinone, and warfarin) and non-anticoagulants (zinc phosphide, bromethalin, and cholecalciferol) have formulation and package restrictions based on the end user.
- Labeling improvements

Rodenticides – U.S. EPA Proposed Risk Mitigation Decision

- Non-Residential Uses
 - No additional restrictions.
 - Pellets, grain baits, seed baits, and other types of loose rodenticide bait permissible.
 - Current field uses (e.g. in orchards and rangelands) include products containing chlorophacinone, diphacinone, and zinc phosphide*.
 - Farms with certified applicators could still apply 2nd Generation anticoagulants.
- Products Available to Homeowners
 - Solid bait blocks
 - Tamper-resistant bait stations

Certain Agricultural and Commercial Structural-use Liquid Formulation Pesticide Products (Data Call-in)

- Initiated based on voc emissions creating ground-level ozone.
- Required TGA data be submitted on ag. and structural use products.
- DPR issued proposed cancellation orders for not complying with the reevaluation notice.

Certain Agricultural and Commercial Structural-use Liquid Formulation Pesticide Products (Reformulation)

- Initiated May 2005 reformulation could result in significant VOC reductions.
- Required registrants to choose one of three options for each product:
 - Written commitment to reformulate
 - Request for exemption
 - Detailed explanation as to why product cannot be reformulated.

Pyrethroids

- Initiated in August 2006 based on sediment toxicity to sediment dwelling organisms.
- Pyrethroids divided into three groups.

Update for Group I

All required environmental fate studies have been submitted.

- Bioallethrin
- D-Allethrin
- Imiprothrin
- Phenothrin
- Prallethrin
- Resmethrin
- Tetramethrin

Update for Group II

- In January 2007, a registrant requested a waiver from the data requirements.
- In September 2007, DPR granted the waiver request based on agreement to place label mitigation developed for Group III active ingredients.

Update for Group III – Sediment Toxicity Data

- Sediment analytical method
- Aerobic/anaerobic California sediment half-lives
- Sediment acute and chronic toxicity

Update for Group III – Off-Site Movement and Monitoring

- Off-site movement study protocols
- Monitoring in POTWs

Preliminary Investigations: Soil Applied Field Fumigants

- In progress.
- VOC emissions for fumigant pesticides based on actual field monitoring data.

Soil Applied Field Fumigants

- Methyl bromide
- 1,3-dichloropropene
(Telone, Inline)
- Chloropicrin
- Sodium
Tetrathiocarbonate
(Enzone)
- MITC generators:
 - Metam-sodium
(Vapam, Sectagon)
 - Metam-potassium
(K-pam)
 - Dazomet
(Basamid)

Questions?

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Preliminary Investigations:

- Field applied soil fumigants