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File PP9F2203

Potential Leaching of
Metalochlor [2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl) acetamide

Chief, Review Section #1
Environmental Fate Branch, HED

THRU: Chief, Environmental Fate Branch
Hazard Evaluation Division, OPP

☐ To: A. Gross

☐ To: C. Bushong

☒ To: J. Cummings

It is concluded that this pesticide is mobile and has the potential to reach underground water.

Facts

1. Hydrolysis: T 1/2 at ☒ 5 pH is >200d, ☒ 7 pH is >200d ☒ 9 pH is > 200days.
   ☒ Stable ☐ Unknown
2. Photodegradation in $H_2O$: ☐ Yes ☐ No Slow photodegradation under natural sunlight
   Stable: ☒ Yes ☐ No
3. Aerobic Soil: ☐ T 1/2 >60days, ☐ Unknown no degradation occurs within 60 days
4. Anaerobic Soil: ☐ T 1/2 >60days, ☐ Unknown
5. Field Dissipation: ☐ T 1/2 , ☐ Unknown no dissipation of residues occur within a year and possibly longer.
6. Field Leaching: ☒ Yes , ☐ No , ☐ Unknown
7. Lab Leaching: ☒ Yes , ☐ No , ☐ Unknown
8. Aged Leaching: ☒ Yes , ☐ No , ☐ Unknown
9. Octanol/Water: ☐ P value , ☒ Unknown
10. Accumulation in Fish:
    Bluegill: ☐ Wholefish , ☒ Non edible , ☒ Edible, , ☐ Unknown
    Catfish: ☐ Wholefish , ☐ Non edible , ☐ Edible, , ☒ Unknown
11. Rotational Crop Uptake: ☒ Yes , ☐ No , ☐ Unknown

Attached is our review of the data submitted. Is there any further action that you wish to be taken by EFB?