



# Department of Pesticide Regulation



Brian R. Leahy  
Director

## MEMORANDUM

Edmund G. Brown Jr.  
Governor

TO: Dr. Marylou Verder-Carlos **HSM-16010**  
Assistant Director (No. assigned after issuance of memo)  
Pesticide Programs Division

FROM: Lisa Ross, Ph.D. [Original signed by L. Ross]  
Environmental Program Manager II  
Chief, Worker Health and Safety Branch  
(916) 324-4116

DATE: January 15, 2016

SUBJECT: COMPLETION OF MEVINPHOS MITIGATION

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Mevinphos is an insecticide used to control aphids, mites, grasshoppers, cutworms, leafhoppers, caterpillars, and many other insects on a broad range of field, forage, vegetable, and fruit crops. Mevinphos entered the risk assessment process because of its high acute toxicity.

A Margin of Safety (MOS) of at least 10 is generally recognized as protective of human health when toxicological endpoints are derived from animal studies. An MOS of at least 100 is generally recognized as protective of human health when toxicological endpoints are derived from human studies. MOSs derived from human and animal studies for acute exposures remained less than adequate to protect the health of workers. Workers appeared to be adequately protected from chronic exposures. Non-nursing infants, less than the age of one year appeared to be inadequately protected from exposure to mevinphos from their dietary intake. All other population subgroups appeared to be protected from mevinphos in their diets.

On July 1, 1994, the U.S. Environmental Protection Agency issued a cancellation order for all mevinphos registrations. They subsequently published an Announcement of Cancellation Order in the *Federal Register* on August 1, 1994.

No mitigation of risks is necessary at this time because no products containing mevinphos are currently registered in California. However, if products containing mevinphos are registered in California in the future, a risk assessment should be considered. Your approval of this conclusion is requested.

cc: Kevin Solari, Environmental Program Manager 1 (Supervisory)

### APPROVAL

[Original signed by M. Verder-Carlos]  
Marylou Verder-Carlos, Assistant Director

January 25, 2016  
Date