



Brian R. Leahy  
Director

Edmund G. Brown  
Governor

California Notice 2013-3

POST UNTIL April 15, 2013

## NOTICE OF FINAL DECISION CONCERNING REEVALUATION OF CERTAIN SULFURYL FLUORIDE PRODUCTS INTENDED FOR STRUCTURAL FUMIGATION

The Director of the Department of Pesticide Regulation (DPR) files this notice with the Secretary of the Resources Agency for posting pursuant to Title 3, California Code of Regulations (CCR), Articles 8 and 12. CCR requires the Secretary of the Resources Agency and DPR to post this notice for 30 days for public inspection.

### REEVALUATION

On June, 25 2008 (California Notice 2008-04), DPR commenced reevaluation of sulfonyl fluoride products intended for structural fumigation. This reevaluation involves the following three registrants and pesticide products.

Registrant	Brand Name, U.S. EPA Reg. No.
Dow Agrosciences LLC	Vikane, EPA Reg. No. 62719-4-ZA
Ensystem II, Inc.	Zythor, EPA Reg. No. 81824-1-AA
Drexel Chemical Company	Drexel Master Fume, EPA Reg. No. 19713-596-AA

### BASIS OF REEVALUATION

In July 2006, DPR completed a risk assessment on inhalation exposure to sulfonyl fluoride as used in structural fumigation. In the risk characterization document (RCD), DPR scientists identified several scenarios where exposure to sulfonyl fluoride was of concern. Based on the exposure assessment, DPR was concerned that workers removing tarpaulins using the tarpaulin removal aeration plan (TRAP) method may be exposed to sulfonyl fluoride levels above the permissible reentry level of 1 ppm. From the exposure assessment it appeared that current mitigation strategies did not adequately reduce worker, bystander, and residential exposures.

Pursuant to this reevaluation, DPR required registrants with sulfonyl fluoride pesticide products registered for structural use to provide the following data: (1) Worker exposure monitoring data, including aeration, untarping and reentry of structures treated at maximum label rates, and (2) Residential post-application monitoring, including both instantaneous and continuous air measurements, until measurements are below the level of detection. Additionally, during the course of this reevaluation, DPR expanded the data requirements to include monitoring data for multiple-dwelling units and residues of chloropicrin.



SUMMARY OF REEVALUATION

As required pursuant to the reevaluation, sulfuryl fluoride registrants submitted the results of the monitoring study to DPR. Using the information gained from the monitoring study, the structural pest control industry developed a new structural aeration plan called the California Aeration Plan (CAP), which is currently in use. DPR found that CAP was sufficiently protective of workers and met the requirements of Title 3 California Code of Regulations section 6780(c).

FINAL REEVALUATION DECISION

DPR determined that the reevaluation has provided all the required data needed for the development and implementation of mitigation measures to reduce sulfuryl fluoride exposures from structural fumigants. No additional mitigation is necessary at this time. Therefore, this reevaluation is concluded.

For information, please contact Ms. Denise Alder, by e-mail at <dalder@cdpr.ca.gov> or by telephone at (916) 324-3522 or Mr. Carlos Gutierrez, by email at <cgutierrez@cdpr.ca.gov> or by telephone at (916) 445-2885.

*Original Signed by Liz Pelham for*

*3/13/2013*

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Ann M. Prichard, Branch Chief  
Pesticide Registration Branch  
(916) 324-3931

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Date

cc: Ms. Denise Alder  
Mr. Carlos Gutierrez