



Mary-Ann Warmerdam
Director

Arnold Schwarzenegger
Governor

California Notice 2008-05

POST UNTIL August 8, 2008

NOTICE OF FINAL DECISION CONCERNING REEVALUATION OF PESTICIDE PRODUCTS

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 26, 2001 (California Notice 2001-4), DPR commenced reevaluation of pesticide products containing the active ingredient methyl bromide and intended for use as soil applied fumigants.

Registrant	Brand Name, U.S. EPA Reg. No.
Ameribrom, Inc	98-2 CONTAINS 2% CHLOROPICRIN, EPA Reg. No. 8622-12-AA
	67-33 PREPLANT SOIL FUMIGANT, EPA Reg. No. 8622-13-AA
	75-25, EPA Reg. No. 8622-15-AA
	METABROM 100, EPA Reg. No. 8622-16-AA
	METABROM 99, EPA Reg. No. 8622-17-AA
	50-50, EPA Reg. No. 8622-39-AA
	57-43, EPA Reg. No. 8622-40-AA
	80-20, EPA Reg. No. 8622-44-AA
	METABROM Q, EPA Reg. No. 8622-55-AA
Great Lakes Chemical Corp.	METH-O-GAS 100, EPA Reg. No. 5785-11-ZA
	TERR-O-GAS 98, EPA Reg. No. 5785-22-AA
	TERR-O-GAS 67, EPA Reg. No. 5785-24-AA
	TERR-O-GAS 57, EPA Reg. No. 5785-28-AA
	TERR-O-GAS 75, EPA Reg. No. 5785-40-AA
	BROM-O-GAS 2%, EPA Reg. No. 5785-42-ZA
	TERR-O-GAS 80, EPA Reg. No. 5785-47-AA
Shadow Mountain Products Corp.	TRICAL METHYL BROMIDE 99.5%, EPA Reg. No. 58266-3-AA
Soil Chemicals Corporation	PIC-BROM 33, EPA Reg. No. 8536-5-AA
	PIC-BROM 25, EPA Reg. No. 8536-11-AA



Registrant	Brand Name, U.S. EPA Reg. No.
Trical, Inc.	TRI-CON 80/20, EPA Reg. No. 58266-1-AA-11220
	MBC CONCENTRATE SOIL FUMIGANT, EPA Reg. No. 8853-2-AA-11220
	MBC-33 SOIL FUMIGANT, EPA Reg. No. 8853-3-AA-11220
	TRI-CON 57/43, EPA Reg. No. 11220-4-AA
	TRI-PAN 76/24, EPA Reg. No. 11220-6-AA
	TRI-CON 75/25, EPA Reg. No. 11220-8-AA
	TRI-CON 50/50, EPA Reg. No. 11220-10-AA
	TRI-CON 45/55, EPA Reg. No. 11220-11-AA
	TRI-BROM, EPA Reg. No. 11220-16-AA
	METHYL BROMIDE 89.5%, EPA Reg. No. 11220-17-ZA

BASIS OF REEVALUATION

Methyl bromide is used as a preplant soil fumigant for controlling nematodes, plant pathogens, weeds and insects. DPR initiated the reevaluation based upon concerns regarding seasonal exposures to workers and the public from methyl bromide. During the 2000 methyl bromide use season, the California Air Resources Board (ARB) conducted ambient air monitoring. Data indicated that short-term levels of methyl bromide were within acceptable limits. However, the data also indicated that ambient air concentrations in a number of locations exceeded DPR's target exposure level for seasonal (six to eight weeks) exposures. Based on toxicity data and ARB monitoring data, DPR determined that in certain high-use areas, the use of methyl bromide as a field fumigant may cause significant adverse health impacts. Therefore, DPR placed all such products into reevaluation.

SUMMARY OF REEVALUATION

Pursuant to the reevaluation, DPR required registrants to conduct and submit the results of ambient air quality monitoring in areas with the highest, seasonal methyl bromide use in California: Camarillo/Oxnard area of Ventura County; Santa Maria area of Santa Barbara County; and, south of Livingston in Merced County.

Pursuant to the reevaluation, registrants conducted and submitted the results of ambient air quality monitoring in 2001 and 2002. This data along with additional ARB air monitoring data confirmed the existence of unacceptable seasonal exposures in some situations. In 2004, DPR adopted methyl bromide field fumigation regulations (DPR Regulation 03-004) to mitigate possible exposure to methyl bromide. This regulation established a monthly average exposure limit of nine parts per billion (ppb). Analysis of the monitoring data established a correlation between the measured air concentrations and the amount of methyl bromide use in the region.

DPR and the county agricultural commissioners currently comply with this exposure limit by limiting methyl bromide use to no more than 270,000 pounds in any township (six-by-six mile area), in any month. To ensure the effectiveness of the regulation, ARB monitored in Ventura County during 2005 and 2006. The maximum weekly average air concentration detected was three ppb, well below the monthly average of nine ppb, required by regulation.

FINAL REEVALUATION DECISION

DPR has determined that seasonal methyl bromide exposure is below the required regulation limit and within acceptable seasonal exposure limits. Therefore, no additional mitigation measures are necessary and the reevaluation is concluded*.

For information, please contact Ms. Denise Webster, Program Specialist, Pesticide Registration Branch, by e-mail at <dwebster@cdpr.ca.gov> or by telephone at (916) 324-3522.

Original signed by

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

July 7, 2008
Date

cc: Ms. Denise Webster

*Please note that if any of the products listed above are included in other ongoing DPR reevaluations, the products remain subject to the requirements of those other reevaluations.