

DRINKING WATER LEVELS OF COMPARISON AND ACUTE EXPOSURE ESTIMATES FOR PIRIMICARB

Population subgroup	SCI-GROW (ug/L) ¹	PRZM/EXAMS (ug/L) ²	Acute DWLOC (ug/L)
Adult - U.S. population.	0.25	4.66	3323

DRINKING WATER LEVELS OF COMPARISON AND ACUTE EXPOSURE ESTIMATES FOR PIRIMICARB—Continued

Population subgroup	SCI-GROW (ug/L) ¹	PRZM/EXAMS (ug/L) ²	Acute DWLOC (ug/L)
Children	0.25	4.66	968

¹ SCI-GROW estimate based on highest water estimate from all crop uses.

² PRZM/EXAMS based on instantaneous concentration for total carbamate residues (parent + metabolites)

DRINKING WATER LEVELS OF COMPARISON AND CHRONIC EXPOSURE ESTIMATES FOR PIRIMICARB

Population subgroup	SCI-GROW (ug/L) ¹	PRZM/EXAMS (ug/L) ²	Chronic DWLOC (ug/L)
Adult - U.S. population	0.25	0.88	1224
Children	0.25	0.88	350

¹ SCI-GROW estimate based on highest water estimate from all crop uses.

² PRZM/EXAMS based on annualized average value for total carbamate residues (parent + metabolites).

Based on the estimated dietary and water exposures for pirimicarb, Zeneca has concluded that there is a reasonable certainty of no harm to infants, children and adults resulting from potential acute or chronic aggregate exposure to pirimicarb.

2. *Non-dietary exposure.* Pirimicarb is not registered for either indoor or outdoor residential uses. There are no non-occupational exposures to pirimicarb. Non-food uses for alfalfa grown for seed and small seeded vegetable seeds are occupational exposures. These exposures are represented in inhalation, oral and dermal estimates contained in the acute toxicology summaries, as well as the dermal penetration studies.

D. Cumulative Effects

Pirimicarb, as a carbamate insecticide, exerts its insecticidal effect through inhibition of acetyl-cholinesterase. At this time, methodologies and mechanistic data are not available to resolve this complex issue of cumulative effects concerning common mechanisms of toxicity. At this time, there are no available data to determine whether pirimicarb has a common mechanism of toxicity with other substances, or how to include this pesticide in a cumulative risk assessment.

E. Safety Determination

1. *U.S. population.* Based on the available toxicity data, a chronic RfD is set for pirimicarb at 0.035 mg/kg/day. This RfD is based on chronic dog studies with a NOAEL of 3.5 mg/kg/day and an uncertainty factor of 100. The acute RfD is 0.01 mg/kg/day, based on clinical signs of toxicity at 40 mg/kg/day in the rat acute neurotoxicity study. No

additional uncertainty factors are necessary.

2. *Infants and children.* Developmental toxicity and reproductive toxicity studies have not shown fetal effects other than mild fetotoxicity in the rat (reduced fetus/litter weight and indications of delayed development) at doses which were also toxic to the mother. There was no evidence in these studies of any extra susceptibility of the fetus. Neither has there been any indication of any particular susceptibility of juvenile animals. Based on the data base, there is no reason to consider human infants and children to be inherently more at risk of toxicity from pirimicarb than adults.

FFDCA section 408 provides that EPA may apply an additional safety factor for infants and children in the case of threshold effects to account for prenatal and postnatal toxicity and the completeness of the data base. Based on the current toxicological data requirements, the data base relative to prenatal and postnatal effects for children is complete. No additional FQPA safety factor is required for pirimicarb.

F. International Tolerances

The CODEX maximum residue levels for pirimicarb and its carbamate metabolites (desmethyl and desmethyl formamido pirimicarb) are: potatoes 0.05 ppm, lettuce 1.0 ppm, and apples (pome fruit) 1.0 ppm.

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ENVIRONMENTAL PROTECTION AGENCY

[OPP-181070; FRL-6389-6]

1, 3 Dichloropropene; Receipt of Application for Emergency Exemption, Solicitation of Public Comment

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: EPA has received a specific exemption request from the State of California Department of Pesticide Regulation to use the pesticide 1,3 dichloropropene (CAS No. 542-75-6) to treat up to 50,000 acres of wine grapes to control Grape phylloxera and nematodes. The Applicant proposes the use of a chemical which is or has been the subject of a Special Review by the EPA. EPA is soliciting public comment before making the decision whether or not to grant the exemption.

DATES: Comments, identified by docket control number OPP-181070, must be received on or before November 1, 1999.

ADDRESSES: Comments may be submitted by mail, electronically, or in person. Please follow the detailed instructions for each method as provided in Unit I. of the "SUPPLEMENTARY INFORMATION."

To ensure proper receipt by EPA, it is imperative that you identify docket control number OPP-181070 in the subject line on the first page of your response.

FOR FURTHER INFORMATION CONTACT: Barbara Madden, Registration Division (7505C), Office of Pesticide Programs, Environmental Protection Agency, 401 M St., SW., Washington, DC 20460; telephone number: (703) 305-6463; fax

number: (703) 308-5433; e-mail address: madden.barbara@epa.gov.

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this Action Apply to Me?

You may be potentially affected by this action if you petition EPA for emergency exemption under section 18 of FIFRA. Potentially affected categories and entities may include, but are not limited to:

Categories	NAICS codes	Examples of potentially affected entities
State government	9241	State agencies that petition EPA for section 18 pesticide exemption

This listing is not intended to be exhaustive, but rather provides a guide for readers regarding entities likely to be regulated by this action. Other types of entities not listed in the table in this unit could also be regulated. The North American Industrial Classification System (NAICS) codes have been provided to assist you and others in determining whether or not this action applies to certain entities. To determine whether you or your business is affected by this action, you should consult the person listed under "FOR FURTHER INFORMATION CONTACT."

B. How Can I Get Additional Information, Including Copies of this Document and Other Related Documents?

1. *Electronically.* You may obtain electronic copies of this document, and certain other related documents that might be available electronically, from the EPA Internet Home Page at <http://www.epa.gov/>. To access this document, on the Home Page select "Laws and Regulations" and then look up the entry for this document under the "Federal Register--Environmental Documents." You can also go directly to the **Federal Register** listings at <http://www.epa.gov/fedrgstr/>.

2. *In person.* The Agency has established an official record for this action under docket control number OPP-181070. The official record consists of the documents specifically referenced in this action, any public comments received during an applicable comment period, and other information related to this action, including any information claimed as Confidential Business Information (CBI). This official record includes the documents that are

physically located in the docket, as well as the documents that are referenced in those documents. The public version of the official record does not include any information claimed as CBI. The public version of the official record, which includes printed, paper versions of any electronic comments submitted during an applicable comment period, is available for inspection in the Public Information and Records Integrity Branch (PIRIB), Rm. 119, Crystal Mall #2, 1921 Jefferson Davis Hwy., Arlington, VA, from 8:30 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The PIRIB telephone number is (703) 305-5805.

C. How and to Whom Do I Submit Comments?

You may submit comments through the mail, in person, or electronically. To ensure proper receipt by EPA, it is imperative that you identify docket control number OPP-181070 in the subject line on the first page of your response.

By mail. Submit your comments to: Public Information and Records Integrity Branch (PIRIB), Information Resources and Services Division (7502C), Office of Pesticide Programs (OPP), Environmental Protection Agency, 401 M St., SW., Washington, DC 20460.

2. *In person or by courier.* Deliver your comments to: Public Information and Records Integrity Branch (PIRIB), Information Resources and Services Division (7502C), Office of Pesticide Programs (OPP), Environmental Protection Agency, Rm. 119, Crystal Mall #2, 1921 Jefferson Davis Hwy., Arlington, VA. The PIRIB is open from 8:30 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The PIRIB telephone number is (703) 305-5805.

3. *Electronically.* You may submit your comments electronically by e-mail to: "opp-docket@epa.gov," or you can submit a computer disk as described above. Do not submit any information electronically that you consider to be CBI. Avoid the use of special characters and any form of encryption. Electronic submissions will be accepted in WordPerfect 6.1/8.0 or ASCII file format. All comments in electronic form must be identified by docket control number OPP-181070. Electronic comments may also be filed online at many Federal Depository Libraries.

D. How Should I Handle CBI that I Want to Submit to the Agency?

Do not submit any information electronically that you consider to be CBI. You may claim information that

you submit to EPA in response to this document as CBI by marking any part or all of that information as CBI.

Information so marked will not be disclosed except in accordance with procedures set forth in 40 CFR part 2. In addition to one complete version of the comment that includes any information claimed as CBI, a copy of the comment that does not contain the information claimed as CBI must be submitted for inclusion in the public version of the official record. Information not marked confidential will be included in the public version of the official record without prior notice. If you have any questions about CBI or the procedures for claiming CBI, please consult the person listed under "FOR FURTHER INFORMATION CONTACT."

E. What Should I Consider as I Prepare My Comments for EPA?

You may find the following suggestions helpful for preparing your comments:

1. Explain your views as clearly as possible.
2. Describe any assumptions that you used.
3. Provide copies of any technical information and/or data you used that support your views.
4. If you estimate potential burden or costs, explain how you arrived at the estimate that you provide.
5. Provide specific examples to illustrate your concerns.
6. Offer alternative ways to improve the proposed rule or collection activity.
7. Make sure to submit your comments by the deadline in this document.
8. To ensure proper receipt by EPA, be sure to identify the docket control number assigned to this action in the subject line on the first page of your response. You may also provide the name, date, and **Federal Register** citation.

II. Background

A. What Action is the Agency Taking?

Under section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (7 U.S.C. 136p), at the discretion of the Administrator, a Federal or State agency may be exempted from any provision of FIFRA if the Administrator determines that emergency conditions exist which require the exemption. The State of California Department of Pesticide Regulation has requested the Administrator to issue a specific exemption for the use of 1,3 dichloropropene on wine grapes to

control Grape phylloxera and nematodes. Information in accordance with 40 CFR part 166 was submitted as part of this request.

As part of this request, the Applicant asserts that significant damage from Grape phylloxera and nematodes have left growers suffering losses exceeding \$1 billion over the past ten years. Growers are faced with an emergency because they do not have an effective tool in late spring and summer to control Grape phylloxera and nematodes. Specifically, the only effective means of control of phylloxera and nematodes is carbofuran, which is only available until May 1 and after harvest (which takes place in late fall). However, late spring and summer are critical times for control of Grape phylloxera and nematodes because their population levels tend to significantly increase during these periods. Results of efficacy research by the University Extension and the manufacturer indicate that 1,3 dichloropropene is a reliable effective control of Grape phylloxera and nematodes.

The Applicant proposes to make no more than four applications of 1,3 dichloropropene, to be applied through drip irrigation systems to 50,000 acres of wine grapes Statewide except in the counties of Alameda, Amador, Calaveras, El Dorado, Fresno, Kern, Kings, Lake, Madera, Merced, Monterey, Sacramento, San Benito, San Luis Obispo, Santa Barbara, Santa Clara, San Joaquin, Stanislaus, Tulare, and Yolo. A maximum of 8 gallons of product (containing 8.84 lbs ai per gallon) per acre could be applied to 50,000 acres for a total of 3,536,000 pounds of active ingredient applied.

This notice does not constitute a decision by EPA on the application itself. The regulations governing section 18 of FIFRA require publication of a notice of receipt of an application for a specific exemption proposing the use of an active ingredient that is or has been subject of a Special Review. On October 8, 1986 (51 FR 36160) (FRL-3092-4), a **Federal Register** notice announced the Special Review of 1,3 dichloropropene based on cancer concerns for workers. This notice provides an opportunity for public comment on the specific emergency exemption application.

The Agency, will review and consider all comments received during the comment period in determining whether to issue the emergency exemption requested by the State of California Department of Pesticide Regulation.

List of Subjects

Environmental protection, Pesticides and pests.

Dated: October 1, 1999.

Peter Caulkins,

Acting Director, Registration Division, Office of Pesticide Programs.

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ENVIRONMENTAL PROTECTION AGENCY

[NCEA-CD-99-1015; FRL-6458-4]

Air Quality Criteria for Carbon Monoxide (Second External Review Draft)

AGENCY: Environmental Protection Agency.

ACTION: Notice of a draft for public review and comment.

SUMMARY: The U.S. Environmental Protection Agency (EPA), National Center for Environmental Assessment, is today announcing the availability of a second external review draft of the document, Air Quality Criteria for Carbon Monoxide. Required under sections 108 and 109 of the Clean Air Act, the purpose of this document is to provide an assessment of the latest, relevant scientific information that may have an impact on the next periodic review of the National Ambient Air Quality Standards (NAAQS) for carbon monoxide (CO).

DATES: Anyone who wishes to comment on the draft document, Air Quality Criteria for Carbon Monoxide, must submit the comments in writing no later than November 15, 1999. Send the written comments to the Project Manager for Carbon Monoxide, National Center for Environmental Assessment—RTP Office (MD-52), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711.

ADDRESSES: To obtain a copy of the Air Quality Criteria for Carbon Monoxide (Second External Review Draft) 1999, EPA/600/P-99/001B, contact Ms. Diane Ray at the National Center for Environmental Assessment—RTP Office (MD-52), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711; telephone: 1-919-541-3637; facsimile: 1-919-541-1818; E-mail: ray.diane@epa.gov. Please provide the title and the EPA number for the document. The document will be dispensed in CD ROM format unless the requestor requires a paper copy. Internet users may download a copy from the homepage for EPA's National Center for

Environmental Assessment (NCEA). The URL is <http://www.epa.gov/ncea/>.

FOR FURTHER INFORMATION CONTACT: Mr. James Raub, National Center for Environmental Assessment—RTP Office (MD-52), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711; telephone: 919-541-4157; facsimile: 919-541-1818; E-mail: raub.james@epa.gov.

SUPPLEMENTARY INFORMATION: The U.S. Environmental Protection Agency (EPA) is updating and revising, where appropriate, the EPA's Air Quality Criteria for Carbon Monoxide (CO). Sections 108 and 109 of the Clean Air Act require that the EPA carry out a periodic review and revision, where appropriate, of the criteria and the National Ambient Air Quality Standards (NAAQS) for the "criteria" air pollutants such as carbon monoxide.

After the completion of the comment period for the first external review draft, announced in the **Federal Register** on March 17, 1999 (64 FR 13198), and that draft's review by the Clean Air Scientific Advisory Committee (CASAC) in June 1999, the EPA revised the draft Air Quality Criteria for Carbon Monoxide. The Agency is now issuing a second external review draft for a thirty-day public comment period and for review before CASAC later in 1999. There will be a subsequent **Federal Register** notice to inform the public of the exact date and time of that CASAC meeting.

Dated: October 7, 1999.

William H. Farland,

Director, National Center for Environmental Assessment.

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ENVIRONMENTAL PROTECTION AGENCY

[FRL-6458-5]

Sun Laboratories Superfund Site/ Atlanta, Georgia; Notice of Proposed Settlement

AGENCY: Environmental Protection Agency.

ACTION: Notice of proposed settlement.

SUMMARY: Under Section 122(h)(1) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the Environmental Protection Agency (EPA) has proposed to settle claims for response costs at the Sun Laboratories Site (Site) located in Atlanta, Georgia, with Yoram Fishman. EPA will consider public comments on the proposed settlement for thirty days.