

LAWS & REGULATION UPDATE: A SERIES

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AGRICULTURE



PESTICIDE SAFETY INFORMATION SERIES (PSIS) A Series

AGRICULTURAL SETTINGS

HUMAN NATURE



SUMMED UP IN ONE PICTURE

A SERIES UPDATES

- BACKGROUND
 - HISTORY
 - CONTENT
 - REVISIONS
- UPDATES

Training

BACKGROUND

- History :
 - DPR developed the Pesticide Safety Information Series (PSIS) Leaflets in the 1970's & 80's
 - Leaflets used as a training aid for pesticide handlers and fieldworkers.
 - Employers of pesticide handlers and fieldworkers are required by regulation to provide hazard communication info and must also be a part of their training.
 - Leaflets contain info for pesticide handlers/fieldworkers on pesticide safety in accordance with state pesticide worker safety regulations and pesticide labels.

BACKGROUND

- Leaflets available on DPR's website
 - English
 - Spanish
 - Punjabi
 - Hmong
- Two series of Leaflets



BACKGROUND



2015 Revisions

Clarity
Improved Accessibility
Allow for easier updating



2018 Revisions

Reorganized-improve understanding
Updated language to include recent changes to
worker safety regulations

PSIS A- I:WORKING SAFELY WITH PESTICIDES



- Overview and Purpose of the entire A series
 - Why worry about pesticides
 - Label Information
 - Safety Rules-PPE, Training
- Updates:
 - Minimum age to handle pesticides: 18
 - Decontamination facility
 - Hazard communication requirements
 - Training requirements
 - Closed mixing system requirements:
 - Previous language:“You must use a closed system if you mix or load liquid pesticides with the word DANGER on the label or pesticides on CA’s minimal exposure list”.
 - New language:“You must use a closed mixing system if the label requires it or if you mix/load liquid pesticides with special language on their labels about exposure to the skin”.



PSIS A-2: STORING, MOVING, AND DISPOSING OF PESTICIDES

- Expanded information
- More detail
- Specific: Ex. Service tags and public roads
- New section: “Pesticide Spill Clean-Up”
 - Control
 - Contain
 - Clean

PSIS A-3: CLOSED MIXING SYSTEMS & WATER-SOLUBLE PACKAGING

- Closed mixing systems Updates:
 - Exemptions if mixing/loading one gallon or less of pesticide requiring a Tier 2 closed system
 - Tier 1
 - Removes pesticides from the container and rinses/drains container while connected to system
 - Label states: “Fatal if absorbed through skin” or similar wording
 - Tier 2
 - Removes pesticides from container but does not rinse container
 - Label states: “May be fatal if absorbed through skin” or “Corrosive, causes skin damage”, or other similar wording

PSIS A-3: ENCLOSED CABS

- An “enclosed cab” is a place where you can sit and be protected while pesticides are being applied around you.
 - Aircraft cockpit
 - Tractor/other vehicle with windows/doors that close
 - Must keep you from touching anything outside that has pesticide on it.
- PPE must still be with you even if you don’t have to wear all of the PPE required by label or CA rules in the cab.
- Required PPE must be worn when you exit the cab into the treated area. PPE worn in treated area, must be removed prior to entering cab



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PSIS A-3: ENCLOSED CABS

- Some PPE exemptions if working in enclosed cab
- Update:
 - Handlers in enclosed cab with air filtration system must wear label specific respiratory protection except when label specific respiratory protection is a filtering facepiece respirator.

PPE YOU MAY USE WITH EXTRA SAFETY EQUIPMENT		
Instead of	If you use	You may use ¹
PPE required by the label or California's rules	Closed mixing system or water-soluble packets for pesticides with a "Danger" or "Warning" signal word	Coveralls, chemical-resistant gloves, chemical-resistant apron, and eye protection
PPE required by the label or California's rules	Closed mixing system or water-soluble packets for pesticides with a "Caution" signal word	Work clothing (shirt, pants, shoes) and eye protection
PPE required by the label or California's rules, no respirator required	Enclosed cab	Work clothing
PPE required by the label, including a filtering face piece or dust/mist filtering respirator, or by California's rules	Enclosed cab with a properly maintained and functioning ventilation system	Work clothing
PPE required by the label, including a different type of respirator, ² or by California's rules	Enclosed cab	Work clothing and the respirator required by the label

¹ All PPE required by the label or California's rules must be at the work site in case of an emergency.

² For example, a half-face or full-face respirator with an organic vapor cartridge.

PSIS A-4: FIRST AID AND EMERGENCY DECONTAMINATION

- Overview:
 - How to get ready in an emergency
 - What to do in different exposure situations
 - Never let sick/hurt/exposed people drive themselves to a doctor/medical care.
- Updates:
 - More detailed information in regard to emergency decontamination situations
 - Training requirements
 - Decontamination requirements
 - Emergency medical care requirements
- Regulation:
 - One gallon/worker and 3 gallons/handler and each early entry worker at beginning of work period
 - Emergency eyewash system: capable of delivering 0.4 gallons/min for 15 mins or 6 gallons to flow gently for 15 mins at mix/load site if handlers using products requiring eye protection or a pressurized closed system.

PSIS A-5: PROTECTING YOURSELF FROM BREATHING PESTICIDES



- Overview: Respiratory protection, respirator use, and requirements
- Updates: Clarification and more detail on respirator use requirements and training requirements and record retention by employers

PSIS A-6: SAFETY RULES FOR MINIMAL EXPOSURE PESTICIDES

- Minimal exposure pesticides: pesticides that may harm you in ways you might not notice right away. Important to make sure exposure is as little as possible
 - Bromoxynil (Buctril, Maestro)
 - Oxydemeton-methyl (metasystox-R, Inject-A-Cide)
 - Propargite (Omite, Comite)
- Updates:
 - Certain PPE exemptions depending on the method of mixing/loading and application

PSIS A-7: WASHING PESTICIDE WORK CLOTHING

- Summary:
 - Reviews proper washing of pesticide work clothing
 - If full strength pesticides spilled on clothes throw away
- Revisions to reflect training requirements.



SUMMARY OF INFORMATION YOUR EMPLOYER MUST KEEP	
Information	Location
Training records	Central workplace location
Written training program	Central workplace location
Completed Pesticide Safety Information Series (PSIS) A-8	Display at central workplace location and post at decontamination facility serving 11 or more handlers
Respirator program and employee consultations	Employer's headquarters
Respirator medical evaluation result	Employer's headquarters
Respirator fit test records	Employer's headquarters
Respirator voluntary use display (if allowed by employer)	Display alongside completed PSIS A-8
Accident response plan (fumigants)	Work site
Pesticide label	Work site
Applicable Pesticide Safety Information Series leaflets (A1-A10)	Central workplace location
Emergency medical care posting	Work site or work vehicle
Application-specific information	Central workplace location
Safety Data Sheets	Central workplace location
Pesticide use records	Central workplace location

PSIS A-8: SAFETY RULES FOR PESTICIDE HANDLERS

- Hazard communication leaflet
- Must be displayed at central location
- Previous language: “Display at the employee’s worksite”
- New language: “Display at a central location in the workplace” and “at all permanent decontamination facilities and decontamination facilities serving 11 or more handlers.”
- New revisions for:
 - Expanded list for employer records
 - Updated Prop 65 list
 - Training requirements:
 - Engineering controls (closed mixing systems)
 - First aid/emergency decontamination

PSIS A-9: PESTICIDE SAFETY RULES FOR FARMWORKERS

- Hazard communication for fieldworkers
- Previous regulation : Training required every 5 years for field workers
- New regulation: Training required EVERY year.
- Leaflet must be displayed at worksite, all permanent decontamination facilities, and decontamination facilities serving 11 or more workers.
- Revisions reflect changes to:
 - Training requirements
 - Early entry requirements
 - Decontamination facility requirements
 - Notice of application requirements
 - Hazard communication

PESTICIDE SAFETY Information **dpr**

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY **A No. 9**

Pesticide Safety Rules For Farmworkers

Your training and this leaflet tell you about pesticide dangers at work. Pesticides are chemicals that are used to control unwanted insects, weeds, and plant diseases. If you work on a farm, or in a forest, greenhouse, or nursery, your employer must know about the pesticides used and help you learn how to protect yourself.

FERTILIZERS ARE NOT PESTICIDES.

EMERGENCY MEDICAL CARE

Your employer must plan for medical care before you start working where pesticides have been used. You or your supervisor must be informed of the location of the doctor. If you think that pesticides made you sick or hurt you at work, immediately tell your employer. They must make sure that you are taken to the doctor immediately. Do not drive yourself to the doctor if you get sick at work.

Emergency medical care is available at:

NAME: _____
ADDRESS: _____
TELEPHONE: _____

If more space is needed, your employer may attach a list of medical facilities to this leaflet and write "See attached list" in the above space.

REMEMBER: You DO NOT have to pay for medical care if you get sick or hurt from pesticides at work.

.....

EMPLOYERS: This is the hazard communication leaflet for your fieldworkers. Fill in the blank lines in this leaflet and display a copy of this leaflet at the employee's worksite, all permanent decontamination facilities, and decontamination facilities serving 11 or more workers. If requested, you must read this leaflet to an employee in a language the employee understands.

CA Department of Pesticide Regulation • 1001 I Street, Sacramento CA 95814 PSIS A No. 9 (05-1587) 2018 A9-1

PSIS A-10: EXTRA MEDICAL CARE FOR HANDLERS WHO USE ORGANOPHOSPHATES & CARBAMATES

- Revised language
- No new info

MORE INFORMATION

- See DPR Website:

<https://www.cdpr.ca.gov/docs/whs/psisenglish.htm>

Do you have any questions or concerns?

Contact your local
County Agricultural Commissioner

408.918.4600 San Jose

408.210.0640 San Martin

