Sacramento Valley Olive Day April 29, 2014

Doug Compton Tehama County Ag Dept 530 527-4504

One Hour CE Credit

- Valid for Private Applicator, QAL, QAC, PCA
- Register before leaving
- Attendance list will be sent to other counties
- Receipt available for Private Applicators; mandatory for QAL, QAC, PCA

Certified Applicators

- Allows use and supervision of restricted materials (Federal, California, Groundwater)
- Allows training of handlers and fieldworkers
- ▶ 6 hours every three years for Private Applicators (last name R – Z expires this year)
- QAL, QAC, PCA renewed through CDPR every two years

Permits, ID Numbers

- Please call for appointment
- Must be signed by owner/operator or authorized agent
- One year duration in Tehama County 527– 4504
- Three year duration in Glenn County 934– 6501
- CalAg Permit system allows NOIs and PURs to be filed electronically

Regulatory Update Agenda

- Water Protection
- Recent and Upcoming Regulations
- Employer Requirements

Groundwater Protection

- Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, Norflurazon
- Must be supervised by a certified applicator
- Restricted if used in a Groundwater Protection Area (must be on permit and NOI)
- Management practices required if in a GWPA

Wellhead Protection

- Mixing, loading, storing pesticides, rinsing equipment or containers or applying preemergents within 100 feet of wellhead prohibited
- Allowed if well is sited so that runoff goes away from wellhead or is protected by a berm

Surface Water Protection

- Check labels for buffer zones or other restrictions when using around surface water
- Be aware of ditches, drains, creeks, etc.
- Runoff prevention regulation for dormant insecticide use-prohibited if soil is saturated and a rain event is predicted

Respiratory Protection Regulation

- Been in effect for six years
- Applies to employees using respiratory protection (NIOSH or MSA rated)
- Voluntary Use
- Required Use

Voluntary Respirator Use

- If use is NOT required by label, permit or employer
- Filtering facepiece (Paper dust mask) –
 Voluntary Respirator Use handout posted
- Tight fitting mask (Rubber Cartridge Respirator, etc) - Full respirator program

Required Respirator Use

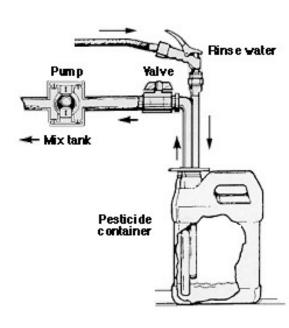
- Written Training Program (Annual)
- Medical Evaluation (Prior to first use or if health changes)
- Fit Testing (Annual)
- www.cdpr.ca.gov/docs/whs/ind_hygiene_resp_pr

Respiratory Protection

- Check labels-some labels require respiratory protection that have not in the past
- Call our office if you need resources for medical evaluations, fit testing, etc.

Closed System

- Required for employees mixing/loading Category I liquids or minimal exposure pesticides
- Some manufactured closed systems now meet DPR criteria
- Can avoid by using water soluble bag, having owner mix or fabricate your own system (it must be approved by CAC)

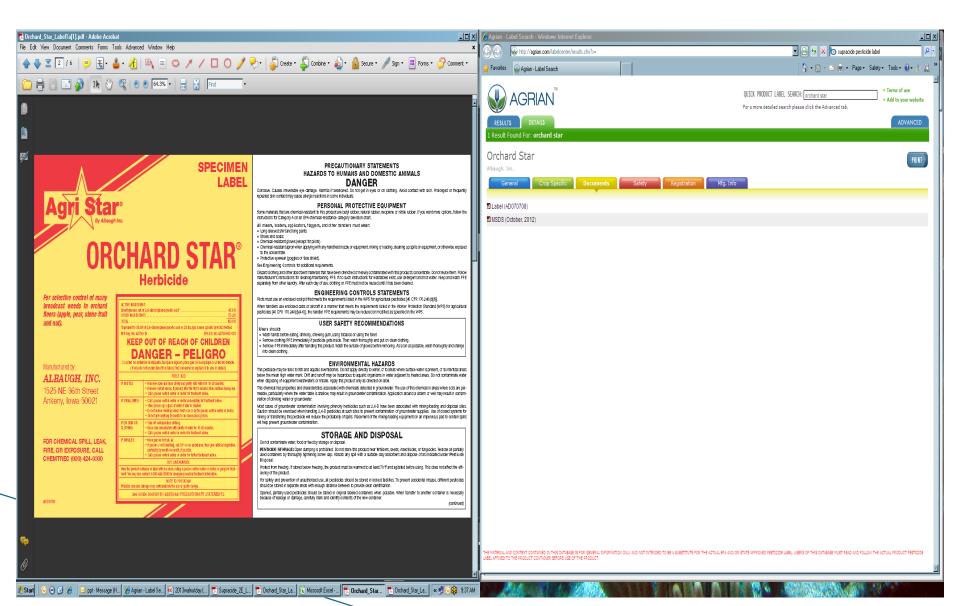




Closed System

- CDPR looking at revising this regulation
- Original regulation dealt with many acutely toxic liquids (there are very few of these left)
- Will address those materials that are most hazardous by dermal contact
- Concept is to base requirement on dermal exposure rather than Signal Word

What to Look for on Labels



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER / POISON PELIGRO

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May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Wear a dust mist NIOSH-approved respirator with any N, R, P, or HE filter. Causes substantial but temporary eye injury. Wear protective evewear (face shield required when mixing/loading).

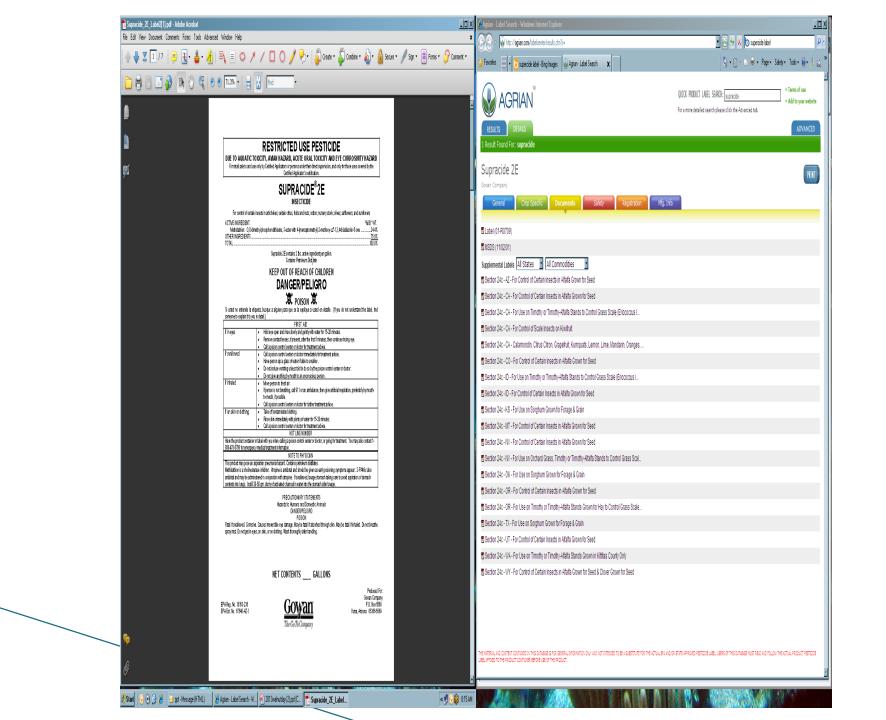
Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid contact with skin. IMPORTANT: Inhalation is an unlikely route of exposure due to low vapor pressure and large spray droplet size,

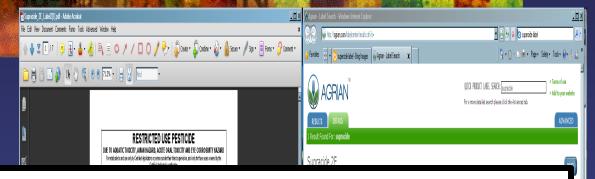
- but mucosal irritation or nose bleeds may occur.
- Prolonged contact with this concentrated product can
- irritate

your skin.

Engineering Controls

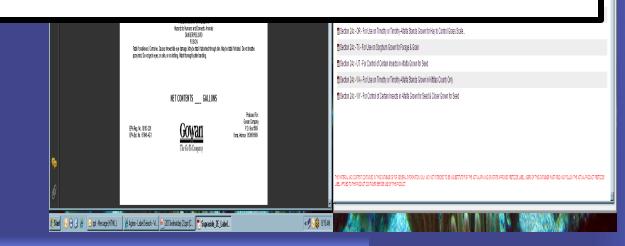
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.





PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER/PELIGRO POISON

Fatal if swallowed. Corrosive Gauses irreversible eye damage. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.



RESTRICTED USE PESTICIDE

DUE TO ACUTE TOXICITY

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.



syngenta.

Herbicide

A Weed, Grass, and Harvest Aid Desiccant/Defoliant Herbicide

Active Ingredient:

Paraguat dichloride (1,1'-dimethyl-4,4'-bipyridinium dichloride) 30.1% Other Ingredients: 69.9%

100.0% Total:

Contains 2.0 pounds paraguat cation per gallon as 2.762 pounds salt per gallon.

Contains alerting agent (odor) emetic and dye.

KEEP OUT OF REACH OF CHILDREN.

Si usted no entiende la etiqueta, busque a alquien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

- · NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.
- IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID STATEMENT. SYMPTOMS ARE PROLONGED AND PAINFUL
- . DO NOT USE OR STORE IN OR AROUND THE
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- THE ODOR OF THIS PRODUCT IS FROM THE ALERTING AGENT WHICH HAS BEEN ADDED. NOT FROM PARAQUAT.

EPA Reg. No. 100-1217 EPA Est. 100-LA-001

Product of the United Kingdom Formulated in the USA

SCP 1217B-L1E 0711 346482

2.5 gallons

Net Contents



HAZARDS TO HUMANS AND DOMESTIC ANIMALS



PELIGRO

May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Wear a dust mist NIOSH-approved respirator with any N, R, P, or HE filter. Causes substantial but temporary eye injury. Wear protective eyewear (face shield required when mixing/loading). Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing.

IMPORTANT: Inhalation is an unlikely route of exposure due to low vapor pressure and large spray droplet size. but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate

Personal Protective Equipment (PPE)

Applicators and other handlers (other than Mixers and Loaders) must wear:

- · Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- · Chemical Resistant Gloves Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton®)
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter

Mixers and Loaders must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- A dust mist NIOSH-approved respirator with any N. R. P. or HE filter
- · Chemical Resistant Gloves Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton)
- Chemical resistant apron
- Face shield

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.



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Employer Requirements Pesticide Handlers

- Mix/Load, apply, clean equipment
- Must be trained annually (document)
- Have access to Safety Series, notification of applications, labels, MSDS and use reports
- Personal Protective Equipment (PPE) on label PLUS eye and hand protection in most cases

Employer Requirements Handlers, Con't

- Within ¼ mile of soap, water, towels and extra coveralls
- One pint of eyewash if protective eyewear is required by label
- Emergency Medical information required at USE site

Employer Requirements Fieldworkers

- Applies if workers in field that has had a REI in last 30 days
- Must be trained every five years
- Have access to Safety Series, notification of applications, labels, MSDS and use reports
- Within ¼ mile of soap, water and towels

Read the Label

- Labels change often, even materials you have used for years
- Be aware of changes in PPE-chemical resistant apron and boots are on many labels now
- Buffer zones to other crops or aquatic areas
- Call your dealer, PCA, UCCE or Ag Dept if you have any questions
- Thanks!!