NON CROP VEGETATION MANAGEMENT COURSE

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OSHA AND EPA
Worker Protection Standard (EPA / FIFRA) & Hazard Communication
Globally Harmonized System (GHS)
The Worker Protection Standard Applies to

FARMS
NURSERIES
GREENHOUSES
FORESTS
WPS

Emergency

911

APPLICATION LIST

<table>
<thead>
<tr>
<th>Location Description</th>
<th>Product Name</th>
<th>Registration Number</th>
<th>Active Ingredient</th>
<th>Time/Date Application</th>
<th>REI</th>
</tr>
</thead>
<tbody>
<tr>
<td>St Paul Field</td>
<td>Phorate</td>
<td>9770-291</td>
<td>Phorate</td>
<td>July 18 6:30 AM</td>
<td></td>
</tr>
<tr>
<td>Dayton Vineyard</td>
<td>Guthion</td>
<td>3125-301</td>
<td>Guthion o.i.</td>
<td>August 2 7:20 AM</td>
<td></td>
</tr>
<tr>
<td>Wilsonville Nursery</td>
<td>Tendik</td>
<td>2664-339</td>
<td>Tendik</td>
<td>August 11 10:20 AM</td>
<td></td>
</tr>
</tbody>
</table>

POSTING
<table>
<thead>
<tr>
<th>Location Description</th>
<th>Product Name</th>
<th>Registration Number</th>
<th>Active Ingredient</th>
<th>Time/Date Application</th>
<th>REI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elmira Farm</td>
<td>Phorate</td>
<td>9779-293</td>
<td>Phorate (O,O-diethyl-S-[(ethylothio)methyl]) phosphorodithioate</td>
<td>July 18 6:30 AM</td>
<td>July 20 9:30 AM</td>
</tr>
<tr>
<td>Poodle Creek Farm</td>
<td>Guthion</td>
<td>3125-301</td>
<td>O,O-dimethyl-S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate</td>
<td>August 2 7:20 AM</td>
<td>August 23 10:20 AM</td>
</tr>
</tbody>
</table>
IF YOU’VE HAD A REI in EFFECT WITHIN THE LAST 30 DAYS, YOU MUST CONDUCT TRAINING.
Safe Practices
When working around hazardous agricultural chemicals

Prácticas de Seguridad
Cuando se trabaja alrededor de químicos agrícolas peligrosos

Haz Com

WPS
RESTRICTED ENTRY

TRAINING INCLUDES:

WPS
HANDWASHING

¼ MILE (5 minutes walk)

TRAINING INCLUDES:
WPS

SHOWERING

TRAINING INCLUDES:
TRAINING INCLUDES:
WPS

DECONTAMINATION

¼ MILE (5 minutes walk)

TRAINING INCLUDES:
EMERGENCY

LABELS

MSDS (SDS)

INFORMATION ABOUT APPLICATION
DANGER PELIGRO
PESTICIDES PESTICIDAS

KEEP OUT
NO ENTRE
RESTRICTED ENTRY INTERVAL (REI) FOUND ON THE LABEL IN THE “AGRICULTURE USE” BOX
Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

Each 48 hour REI is increased to 72 hours in outdoor areas where average rainfall is less than 25 inches per year.
PERSONAL PROTECTIVE EQUIPMENT
WPS  ADDITIONAL HANDLER PROTECTION

FOLLOW THE LABEL

**RESTRICTED USE PESTICIDE**
Due to acute oral, dermal, inhalation, eye and skin 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.

**Di-Syston® 15% Granular Systemic Insecticide**
For effective systemic protection of coffee trees in Puerto Rico, and fir grown for Christmas trees.

**ACTIVE INGREDIENT:**
Disulfoton, O,O-Diethyl S-(2-ethyldithio)ethylphosphorodithioate .......................................................... 15%

**INERT INGREDIENTS:** .......................................................... 85%

100%

EPA Reg. No. 264-723  EPA Est. No. 3125-MO-02

**STOP** – Read the label before use.
KEEP OUT OF REACH OF CHILDREN
DANGER  POISON
PELIGRO
THE PPE ON THE PESTICIDE’S LABEL IS NOT OPTIONAL

EXAMPLE

• Chemical-resistant gloves.

• Chemical-resistant footwear plus socks.

• Protective eyeware (goggles, face shield or safety glasses).

• A NIOSH-approved respirator with any N, R, P or HE filter.
OSHA’s Hazard Communication Rule
HAZCOM

- *Labels/Pictograms*
- *Safety Data Sheets*
- *Training*
- *Written Program*
Hazard Communication Aligned with GHS

This training is part of the PESO Program and is also available in Spanish: www.orosha.org Spanish - Español
PARTS

- Labels
- Pictograms
- Safety Data Sheets
- Written Program
- Training
LABELS

SAMPLE LABEL

CODE
Product Name

Company Name
Street Address
City State
Postal Code Country
Emergency Phone Number

Keep container tightly closed. Store in a cool, well-ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measures against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of Fire: use dry chemical (BC) or Carbon Dioxide (C02) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

Product Identifier

Supplier Identification

Hazard Pictograms

Signal Word
Danger

Highly flammable liquid and vapor.
May cause liver and kidney damage.

Precautionary Statements

Hazard Statements

Supplemental Information
Directions for Use

Fill weight: Lot Number:
Gross weight: Fill Date:
Expiration Date:
LABEL PARTS

• Product identifier
• Pictograms
• Signal word
• Hazard statements
• Precautionary statements
• Supplier identification
PHYSICAL HAZARDS

Flame

Exploding Bomb

Gas Cylinder

Flame Over Circle

Corrosion
LABELS
Primary
Secondary
Stationary
Portable
Pipes
SDS REVIEW
THE 16 ELEMENTS
SAFETY DATA SHEETS

Section 1, Identification

Section 2, Hazard(s) identification

Section 3, Composition/information on ingredients

Section 4, First-aid measures

Section 5, Fire-fighting measures

Section 6, Accidental release measures

Section 7, Handling and storage

Section 8, Exposure controls/personal protection
SAFETY DATA SHEETS

Section 9, Physical and chemical properties
Section 10, Stability and reactivity
Section 11, Toxicological information
Section 12, Ecological information*
Section 13, Disposal considerations*
Section 14, Transport information*
Section 15, Regulatory information*
Section 16, Other information, includes the date of preparation or last revision.
SECTION 15 OF THE SDS WILL REMIND YOU TO FOLLOW THE PESTICIDE LABEL
TRAINING
TRAINING for workers who only do hand labor operations.

Brochures are available in quantities at NO COST from Oregon OSHA. call or visit our website and order your supply!

www.orosha.org
1-800-922-2689
WRITTEN PROGRAM

CHEMICALS LIST

LABELING

SAFETY DATA SHEETS

TRAINING

HAZARDOUS NON-ROUTINE TASKS

CHEMICALS IN PIPES

CONTRACTORS
<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>SIGNAL WORD</th>
<th>LOCATION OF USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasoline</td>
<td>Danger</td>
<td>Shop and Trucks</td>
</tr>
<tr>
<td><strong>PVC Glue</strong></td>
<td>Danger</td>
<td><strong>Pipe Installation</strong></td>
</tr>
<tr>
<td>Grease Solvent</td>
<td>Warning</td>
<td>Cafeteria</td>
</tr>
<tr>
<td><strong>Muriatic Acid</strong></td>
<td>Danger</td>
<td><strong>Shop and Trucks</strong></td>
</tr>
</tbody>
</table>
## Phase-in Dates


<table>
<thead>
<tr>
<th>Completion Date</th>
<th>Requirement(s</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 1, 2013</td>
<td>Train employees on the new label elements and safety data sheet (SDS) format.</td>
<td>Employers</td>
</tr>
<tr>
<td>June 1, 2015</td>
<td>Compliance with all modified provisions of this final rule, except: The Distributor shall not ship containers labeled by the chemical manufacturer or importer unless it is a GHS label.</td>
<td>Chemical manufacturers, importers, distributors and employers</td>
</tr>
<tr>
<td>December 1, 2015</td>
<td></td>
<td>Employers</td>
</tr>
<tr>
<td>June 1, 2016</td>
<td>Update alternative workplace labeling and hazard communication program as necessary, and provide additional employee training for newly identified physical or health hazards.</td>
<td>Employers</td>
</tr>
<tr>
<td>Transition period to the effective completion dates noted above</td>
<td>May comply with either the revised Hazard Communication Standard 29 CFR 1910.1200 (the final standard), or the current standard, or both.</td>
<td>Chemical manufacturers, importers, distributors, and employers</td>
</tr>
</tbody>
</table>
TIPS
&
NEW INFORMATION
SIGN UP FOR OREGON OSHA EMAIL UPDATES
SERVICE CONTRACTORS

Specialists

Many are very good at what they do!
EXPOSURE TO OTHERS

Control who comes on your property

Do they know what areas have been sprayed?

Do bug checkers check into the office?
WHO DOES THE SPRAYING?

SKULL & CROSSBONES?

DANGER?

USE APPS TO COMMUNICATE
PROPOSED EPA CHANGES
-Handout Available –

Visit EPA’s WPS website:
http://www.epa.gov/
Thank you!
Questions?
1-800-922-2689
Kathleen Kincade
Or visit our web site at
www.orosha.org