

5481-475

05/16/2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 16, 2013

Ms. Kelly Rahn
Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Amended Reregistration Label
Product Name: AMVAC Insecticide Chip
EPA Registration Number: 5481-475
EPA Decision Number: 393474

Dear Ms. Rahn:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/1/2012

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov.

Sincerely,

Dana R. Pilitt

for Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7504P)

*Enclosures: Label stamped "Accepted", dated May 16, 2013
Acute Toxicity Reviews, dated October 17, 2008 and March 21, 2013
Product Chemistry Review, dated October 10, 2012*

5481-475

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<p>ACCEPTED</p> <p>MAY 16 2013</p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-475</p>
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AMVAC INSECTICIDE CHIP

FOR AGRICULTURAL OUTDOOR USE ONLY

For use as a toxicant in Cotton Boll Weevil and other listed insect traps

ACTIVE INGREDIENT:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate) 18.6%
 Related Compounds..... 1.4%

INERT INGREDIENTS: 80.0%

TOTAL: 100.0%

This product contains the toxic inert ingredient Bis (2-ethylhexyl) adipate (DEHA) at 19.8%.

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<p>NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. POISONING SYMPTOMS: This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage.</p>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</p>	
For Medical Emergencies phone:.....	1-888-681-4261
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC.....	1-800-424-9300
For Product Use Information phone : AMVAC.....	1-888-462-6822

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-475
EPA Est. No. 66458-TX-1

Net Weight: 0.32 grams
Packaged: 100 x 0.32 chips/container



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-888-462-6822

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Do not get in mouth. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes or clothing. After prolonged storage, a small amount of liquid may form on chip. Do not get liquid in eyes. Wear gloves when handling chips. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Not to be taken internally by humans or animals.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The **AMVAC INSECTICIDE CHIP** is for use only as a toxicant in insect traps, including those for Cotton Boll Weevil, Gypsy Moth, Spruce Budworm, Forest Tent Caterpillar, Fruit Flies, Codling Moth, Southwestern Corn Borer, Pepper Weevil and Sweet Potato Weevil. Do not use **AMVAC INSECTICIDE CHIP** for any other purpose. For proper function of this product, insect traps should be designed to position the "vapor releasing" chip in a confined insect trapping chamber where insects will be trapped in closed vicinity to the chip's surface and vapors. Read directions for use accompanying the trap before opening the **AMVAC INSECTICIDE CHIP** package. Replace chips every 5 weeks. Do not allow children to handle new or used insecticide chips.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food or feed by storage or disposal. Do not open or remove from package before ready to install. Store in a cool dry place.

Foil Pouch

Do not open or remove from package before ready to use. **Disposal: If empty:** Do not reuse container.—Place in trash or offer for recycling if available. **If partly filled:** Call your solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Outer Container

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of the empty container in trash.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues

on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Amvac Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-888-462-6822



53883-298

06/10/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Anne Turnbough, PhD
Control Solution, Inc.
5903 Genoa Red Bluff
Pasadena, Texas 77507-1041

JUN 10 2013

Subject: Label Notification(s) for Pesticide Registration Notice 98-10

Dear Dr. Turnbough:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 29, 2013 for the following product(s):

CSI 30-30

Alternate Brand Name

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

CSI MFG 30-30

EPA Reg. No. 53883-298

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in black ink, appearing to read "L.A. DeLuise" or similar, written over the typed name.

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7504P)



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883 - 298	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CSI MFG 30-30	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

NOTIFICATION
JUN 11 2013

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification for adding Alternate Brand Name: This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lisa Adamson	Title Regulatory Assistant	Telephone No. (Include Area Code) 281-892-2522
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Lisa Adamson</i>	3. Title Regulatory Assistant	
4. Typed Name Lisa Adamson	5. Date 5-29-2013	



C O N T R O L
S O L U T I O N S
i n c o r p o r a t e d

May 29, 2013

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

Re: Notification of Alternate Brand Name (ABN)
CSI MFG 30-30 EPA Reg. No. 53883-298

Dear Sir or Madam:

Control Solutions, Inc. (CSI) is requesting a notification to add an alternate brand name (ABN)

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

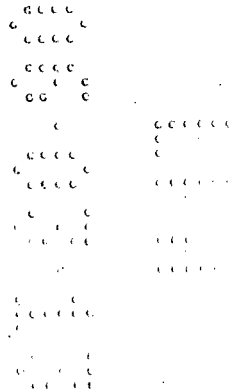
The following documents are enclosed in support of this application

- 8570-1
- Label - highlighted and un-highlighted

Please contact me directly should you need any additional information,

Sincerely,

Anne Turnbough
Director, Regulatory Affairs



4/10

5-29-2013 NOTIF to EPA - Alternate Brand Name

CSI MFG 30 – 30

[ALT Brand Name: CSI 30-30]

Mosquito, Fly and Gnat Control

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A Specially Formulated Low Odor, Non-Corrosive, Synergized Synthetic Pyrethroid With Quick Knockdown, for Controlling Adult Mosquitoes, Biting and Non-Biting Midge and Black Flies in Residential, Recreational, and Other Areas.

For use only by federal, state, tribal, or local governmental officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

ACTIVE INGREDIENTS:

*Permethrin:30.0%
**Piperonyl Butoxide:30.0%

OTHER INGREDIENTS:40.0%
TOTAL100.0%

*(3-phenoxyphenyl) methyl (+/-) Cis/trans 2,2-Dimethylcyclopropane carboxylate. Cis/trans ratio min. 35% ((+/-)cis and max. 65% (+/-) trans)

** (butylcarbityl)(6-propylpiperonyl) ether and related compounds

NOTIFICATION

JUN 10 2013

Contains a Petroleum Distillate Solvent
Contains 2.5 lb. of Permethrin and 2.5 lb. of Piperonyl Butoxide per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Label Booklet For Additional Precautionary Statements.

“PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente”

First Aid	
If on skin:	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If swallowed:	-Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to by a poison control center or doctor. -Do not give anything to an unconscious person.
If in Eyes:	-Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.- Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Safety Call at 1-866-897-8050 for emergency medical treatment information.	
Note to Physician: May pose an aspiration pneumonia hazard. Contains petroleum distillate.	

EPA Reg. No. 53883-298

EPA Est. No. 53883-TX-002

Net Contents:

Lot #:

5-29-2013 NOTIF to EPA - Alternate Brand Name

Manufactured by:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507

**PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO DOMESTIC ANIMALS AND HUMANS**

Contains Petroleum Distillate.

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber, Viton, Selection Category E). Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on the EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers (including during mixing/loading, repair and cleaning of equipment and disposal of pesticide) must wear the following:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves such as barrier laminate, viton, neoprene ≤ 14 mils. or nitrile rubber ≤ 14 mils for all handlers except for applicators using motorized ground equipment, pilots and flaggers.
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment and persons exposed to concentrate.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

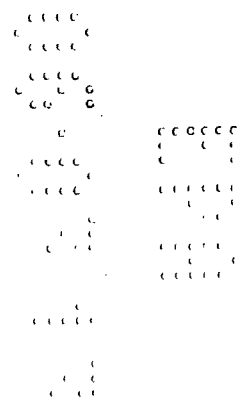
See engineering controls for additional requirements.

User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.24(d)(6)].



5-29-2013 NOTIF to EPA - Alternate Brand Name

state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

For control of adult mosquitoes and biting flies, application is allowed over listed growing crops prior to harvest and range grasses within or adjacent to these areas.

Table with 3 columns listing crops: Alfalfa, Almonds, Apples, Artichoke, globe, Asparagus, Avocado, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Cauliflower, Celery, Cherries, Corn, fodder, Corn, forage, Corn, grain (field and pop), Corn, stover, Corn, sweet kernel, plus cob with husks removed, Eggplant, Filbert (Hazelnuts), Garlic, Range Grasses, Horseradish, Lettuce, head, Mushrooms, Onion, dry bulb, Peaches/Nectarines, Pears, Pepper, bell, Pistachio, Potato, Soybeans, Spinach, Tomatoes, Walnuts.

Cucurbit vegetables, including Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cuban pumpkin, Cucumber, Gherkin, Gourd (edible, includes hyotan, cucuzza, hechima, Chinese okra), Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of Cucumis melo including true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon and Winter melon), Pumpkin, Squash (includes summer squash types such as: butternut squash, calabaza, crookneck squash, Hubbard squash, scallop squash, straightneck squash, vegetable marrow and zucchini, and winter squash (types such as acorn squash and spaghetti squash), Watermelon (includes hybrids and/or varieties if Citrullus lanatus).

Leafy Vegetables, including Leafy vegetables (except brassica), Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (Roquette), Chervil, Chrysanthemum (edible leaved and garland), Corn salad, Cress (garden), Cress (upland, yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Spinach (including New Zealand and vine – Malabar spinach, Indian spinach).

Cover any exposed drinking water, drinking fountains and animal feed before application/treatment of animal housing, corrals, feedlots, poultry ranges, swine pens, or zoos.

SPRAY DROPLET SIZE DETERMINATION

Ground Equipment: Spray equipment must be adjusted so that the volume median diameter is less than 30 microns (Dv 0.5 < 30 µm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 < 50 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial Application made at <200 above ground elevation: Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 µm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 µm). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Aerial Application made at >200 above ground elevation: Spray equipment must be adjusted so that the volume median diameter produced is less than 70 microns (Dv 0.5 < 70 µm) and that 90% of the

5-29-2013 NOTIF to EPA - Alternate Brand Name

spray is contained in droplets smaller than 145 microns ($D_v 0.9 < 145$ microns). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

GROUND APPLICATION

ULV Non-Thermal Aerosol (cold fog) Application: To control mosquitoes, midges and black flies, apply **MFG 30-30** using any standard ULV ground equipment with a swath width of 300 feet capable of producing a non-thermal aerosol spray. If applying the product undiluted, apply at a flow rate of 0.53 to 2.2 ounces per minute at an average vehicle speed of 10 mph. These rates are equivalent to 0.00175 to 0.007 pounds of permethrin and the same amount of 0.00175 to 0.007 pounds of synergist piperonyl butoxide per acre. If different vehicle speed is used, adjust the rate accordingly. Vary flow rates accordingly to vegetation density and mosquito population. Use higher flow rates in heavy vegetation or when populations are high. An accurate flow control system must be used to ensure proper flow rate. **MFG 30-30** may also be applied by diluting with a suitable solvent such as mineral oil and applying so as not to exceed the maximum pounds of active ingredient per acre as shown in the first column of the ULV table shown below. That table represents some suggested application rates for ground ULV applications. If an alternative dilution rate is used, adjust the flow rate accordingly.

Thermal Aerosol Fogging: Apply diluted or undiluted with suitable Thermal Fogging equipment such as truck-mounted fog generators or other equipment capable of making thermal fogging applications. Do not exceed the maximum rate of 0.007 lbs. a.i./acre. May be applied at speeds of 5 to 20 mph, using a 300 ft. swath width for calculations. To reduce oil requirement and sludge buildup in equipment, use a suitable mineral oil of 60 – 100 second viscosity. For use with handheld, backpack or lawn mower thermal fogging equipment, do not exceed the maximum rate of 0.007 lbs. a.i./acre. Use a walking speed of 2 mph (3.2 kph) and a swath width of 300 feet for calculations.

Barrier Applications: For use in non-thermal ULV, motorized, portable, backpack, handheld or truck-mounted fogging equipment, apply **MFG 30-30** with a mist blower adjusted to deliver droplets with a volume median diameter of 50 – 100µm. Use undiluted or diluted to achieve an application of 0.00175 / 0.00175 # a.i./acre. Do not use more than 0.007 lbs. a.i./acre. Use a 300 ft. (15.2 m) swath width for calculations. For backpack or handheld applications, use a walking speed of 2 mph (3.2 kph) and a 300 ft. swath width for calculations. If using a different speed, swath or dilution, do not exceed the maximum a.i./acre. Direct spray onto foliage at the perimeter of areas where mosquitoes or flies are to be excluded or into harborage areas where adult mosquitoes or flies may be found. May be used to treat abandoned buildings, residential buildings, warehouses, storm drains, underground drainage pipes and other areas where adult mosquitoes find harborage.

Rates to use MFG 30 – 30 Undiluted for Mosquito Control

PERMETHRIN/PBO LBS. A.I./ACRE	APPLICATION RATES /FLUID OUNCES TO USE PER MINUTE PER MPH		
	5 mph	10 mph	20 mph
0.007/0.007	1.1	2.2	4.3
0.0035/0.0035	0.53	1.0	2.2
0.00175/0.00175	0.27	0.53	1.1

Dilution Rates for MFG 30-30

% CONCENTRATION	Parts MFG 30 – 30	Parts Diluent Oil
2%	1	14
3%	1	9
4%	1	6.5

Flow (oz/min) and Use Rates for a 4% (1 to 6.5 Dilution Ratio) Product

PERMETHRIN/PBO LBS. A.I./ACRE	APPLICATION RATES /FLUID OUNCES TO USE PER MINUTE PER MPH
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5-29-2013 NOTIF to EPA - Alternate Brand Name

	5 mph	10 mph	20 mph
0.007/0.007	8.1	16.3	32.6
0.0035/0.0035	4.0	8.1	16.2
0.00175/0.00175	2.0	4.1	8.1

Flow (oz/min) and Use Rates for a 2% (1 to 14 Dilution Ratio) Product

PERMETHRIN/PBO LBS. A.I./ACRE	APPLICATION RATES /FLUID OUNCES TO USE PER MINUTE PER MPH		
	5 mph	10 mph	20 mph
0.007/0.007	16.2	32.6	64.3
0.0035/0.0035	8.1	16.3	32.6
0.00175/0.00175	4.0	8.1	16.3

AERIAL APPLICATION

MFG 30-30 may be applied either diluted or undiluted by fixed wing or rotary aircraft at rates not to exceed 0.007 lb. a.i./acre. Apply at a sufficient airspeed to deliver the appropriate amount of a.i./acre (from 0.00175 to 0.007 # a.i./acre) and to achieve the appropriate droplet range. Apply only when ground wind speed is equal to or greater than 1 mph. Do not apply by fixed wing aircraft at a height less than 100 feet, or by helicopter at a height less than 75 feet unless specifically approved by the state or tribe based on public health needs.

For best results, treat when insects are most active and meteorological conditions are conducive to keeping the spray cloud in the air column close to the ground. In order to compensate for windy conditions and ensure drift onto the target area, aerial application with aircraft equipped with Global Positioning Systems (GPS) is recommended.

PROHIBITION FOR AERIAL USE: Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology and Pest Control, Florida Department of Agriculture and Consumer Services.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable Container: Metal or Plastic Container. Do not reuse or refill container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke. Triple rinse as follows:

Containers 5 gallons or less: Empty the remaining contents into application equipment and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with mineral oil and recap. Shake for 10 seconds. Pour rinsate into mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once cleaned, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities. Do not cut or weld metal containers.

Containers larger than 5 gallons: Empty the remaining contents into application equipment. Fill the container ¼ full with mineral oil. Replace and tighten closures. Tip container on its side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Once cleaned, offer for recycling or reconditioning if appropriate.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10

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seconds after the flow begins to drip.

Refillable container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Return container to point of purchase for reuse with seal intact and in salable condition. Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

BULK STORAGE AND DISPOSAL

AGITATE BEFORE USE

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

Pesticide Disposal: Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C or the Resource Conservation and Recovery Act.

Control Solutions, Inc. ® Warranty

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.