

53883-82

09-18-2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SEP 18 2009

Ms. Amy Warren
Regulatory Affairs Specialist
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Notification for Pesticide Registration Notice 2007-4
(EPA Registration Number 53883-82)

Dear Ms. Warren,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated August 10, 2009 for the product CSI[®] 30-30 (EPA Registration Number 53883-82). The Registration Division (RD) has conducted its review of this request for its applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The label submitted with the application has been stamped "Notification" and will be placed in our records.

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 nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53883 - 82	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CSI 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 _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

NOTIFICATION

SEP 18 2009

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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:

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 checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
1 gallon -250 gallon totes

5. Location of Label Directions
 on label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Amy Warren	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 800-242-5562
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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.

2. Signature

3. Title
Regulatory Affairs Specialist

4. Typed Name
Amy Warren

5. Date
8-3-09

6. Date Application Received (Stamped)

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August 10, 2009

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 per (PR) Notice 2007-4, Labeling Revisions required by the Final Rule
"Pesticide Management and Disposal"
CSI 30-30 (EPA Reg. No. 53883-82)**

Dear Sir or Madam:

Enclosed is a Notification for (PR) 2007-4; See highlighted text on attached labeling.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

We have also updated the Warranty Statement.

If you have any questions or need additional information, please feel free to contact me.

Sincerely,



Amy Warren
Regulatory Affairs Specialist
Control Solutions, Inc.

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CSI® 30-30

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.

CSI® 30-30 is a quick knockdown, low odor, non-corrosive, synergized, synthetic pyrethroid for use in the control of Adult Mosquitoes, Biting and Non-Biting Midges, Blackflies and Cluster Flies in Residential, Recreational, and Non-Crop Areas.

NOTIFICATION

SEP 18 2009

EPA Reg. No 53883-82

EPA Est. No. 53883-TX-002

ACTIVE INGREDIENTS:

Permethrin CAS [52645-53-1].....	30.0%
Piperonyl Butoxide CAS [51-03-6].....	30.0%

OTHER INGREDIENTS:*.....40.0%

TOTAL:100.0%

*Contains Petroleum Distillate

Contains 2.5 lbs. A.I. Permethrin per gallon and 2.5 lbs. A.I. Piperonyl Butoxide per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See [Side Panel] [Inside Attached Booklet] For Additional Precautionary Statements.

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

FIRST AID

If swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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.
Note: Have this product container or label with you when calling a poison control center or doctor or when going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	
Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin, or inhaled. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash clothing before reuse.

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ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish and aquatic invertebrates. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the area, except when applications are made to prevent or control a threat to public and/or animal health determined by a 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation Federal law to use this product in a manner inconsistent with its labeling.

Note: Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage and Spill Procedure: Store upright at room temperatures. Do not expose to extreme temperatures. In case of spill or leakage, ventilate the area, wear chemical resistant gloves, and footwear. Soak up the liquid with absorbent material such as sawdust, soil, or fullers earth, etc. Dispose of the resulting chemical waste, as follows.

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

Container Disposal:

For Containers equal to or less than 5 Gallons : Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a 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. Offer for recycling if available. If recycling is not available, then dispose of container in a sanitary landfill or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it 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. Offer for recycling if available. If recycling is not available, then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Bulk containers: (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 re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL

CSI 30-30 is recommended for application as an Ultra Low Volume (U.L.V.) Thermal or Non-thermal aerosol (cold fog) to control adult mosquitoes, and other insects as listed on this label, in residential and recreational areas where these insect pests become a problem; such as, but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, municipalities, gardens, playgrounds, and non-crop waste areas. FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog close to the ground. e.g. cool temperatures and wind speeds not greater than 10 mph. Applications during the cool hours of night or early morning are usually preferable. Apply this product at temperatures greater than 50° F and when wind speed equals or exceeds 1 mph.

Do not re-treat a site more than once in 12 hours. Do not apply more than 0.18 lbs. of permethrin per acre per year to any site. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a 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.

CSI 30-30 can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present:

- | | |
|------------------|-------------------------------------|
| Almonds | Range Grasses |
| Apples | Leafy Vegetables, (except Brassica) |
| Broccoli | Lettuce, head |
| Brussels sprouts | Mushrooms |
| Cabbage | Onions, dry bulb |
| Celery | Peaches |
| Cauliflower | Pears |
| Cherries | Peppers, bell |
| Corn, fodder | Soybeans |
| Corn, forage | Tomatoes |
| Corn grain | Vegetables, cucurbit |
| Eggplant | Walnuts |

Do not spray this product on or allow it to drift onto pastureland, cropland (other than crops listed), or potable water supplies. In the treatment of corrals, feedlots, animal confinements/houses, swine lots, poultry ranges and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

GROUND APPLICATION INSTRUCTIONS

DROPLET SIZE CALIBRATION FOR GROUND APPLICATION EQUIPMENT: Spray equipment must be adjusted so that the volume median diameter is less than 25 microns ($D_v < 25 \mu m$) and that 90% of the spray is contained in droplets smaller than 40 microns ($D_v 0.9 < 40 \mu m$). 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.

For proper ground application mount the fog applicator so that the nozzle is at least 4 1/2 feet above ground level and directed out the back of the vehicle. May be applied at speeds of 5 to 20 mph. Failure to follow these label directions may result in reduced effectiveness. For aerial application refer to the **Aerial Application** section on this label. **CSI 30-30** may be used as is, or diluted with a suitable solvent such as 60 to 100 Second viscosity mineral oil and applied at a rate not to exceed 0.3646 fl. oz. of **CSI 30-30**, per acre. Both aerial and ground applications should be made when the wind is less than 10 mph. For exact rates, see the "UNDILUTED" or the "DILUTION" rates chart on this label.

ULV NON-THERMAL AEROSOL (COLD FOG)

To control Mosquitoes, Midges and Blackflies, apply **CSI 30-30** using any standard U.L.V. ground applicator capable of producing a non-thermal aerosol fog.

When applying this product undiluted, apply at a flow rate of 0.55 to 2.19 ounces per minute at an average vehicle speed of 10 mph. These rates are equivalent to 0.00175 to 0.007 pound a.i. per acre. If a different vehicle speed is used, adjust the rate accordingly. Vary flow rates accordingly to vegetation density and mosquito population. Use of the maximum flow rates and application rates listed on this label is recommended to treat heavy vegetation or when target insect populations are high. An accurate flow rate control system must be used to ensure proper flow rate. **CSI 30-30** may also be applied by diluting with a 60 to 100 Second mineral oil or another suitable solvent, applied so as not to exceed the maximum a.i. rates per acre as shown below. If an alternate dilution is required, adjust the flow rate accordingly, provided droplet size and spectrum remain within label specifications. Do not exceed a low rate of 20 oz. per minute unless recommended by equipment manufacturers and/or Public Health Officials when diluted 1 to 4 or 1 to 8 and high vehicle speeds of 15 to 20 mph are necessary in emergency conditions and when the fogging equipment is capable of such higher rates of output per minute.

THERMAL AEROSOL FOGGING

Truck Mounted - Apply **CSI 30-30** diluted or undiluted with suitable Thermal fogging equipment. Droplet size of thermal "fog" will be very small usually in the 0.1 to 1.0 micron range. If diluted, use a 60 to 100 Second viscosity mineral oil, or another suitable non-phytotoxic diluent, to reduce oil requirement and sludge buildup in equipment. Do not exceed the maximum rates. May be applied at speeds of 5 to 20 mph. For use with **Hand Carried and/or Lawn Mower Foggers**, use the same rates a.i. per acre with a 50 foot swath width at walking speed of 2 mph. Do not fog wet foliage. Do not fog when wind conditions exceed 10 mph. Only use a clean, well maintained and properly calibrated fogger, known to give excellent performance. Fog down wind. Apply **CSI 30-30** to deliver 0.00175 to 0.007 lb. a.i. per acre.

CONDITION AND RATES TO USE CSI 30-30 UNDILUTED

lbs. A.I. acre		Application Rates				Fluid Ounces of CSI 30-30 ULV per acre
Permethrin	PBO	Fluid Ounces per Minute at Vehicle Speeds				
		5 mph	10 mph	15 mph	20 mph	
0.00700	0.00700	1.09	2.19	3.28	4.38	0.36
0.00350	0.00350	0.55	1.09	1.64	2.19	0.18
0.00175	0.00175	0.27	0.55	0.82	1.09	0.09

FOR A 1:2 DILUTION

MIX 1 PART CSI 30-30 WITH 2 PARTS SUITABLE MINERAL OIL: APPLY AS FOLLOWS

lbs. A.I. acre		Application Rates				Fluid Ounces finished spray per acre
Permethrin	PBO	Fluid Ounces per Minute at Vehicle Speeds				
		5 mph	10 mph	15 mph	20 mph	
0.00700	0.00700	3.28	6.56	9.84	13.12	1.09

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0.00350	0.00350	1.64	3.28	4.92	6.56	0.55
0.00175	0.00175	0.82	1.64	2.46	3.28	0.27

DILUTION RATES FOR CSI 30-30 ULV FOR A 1:4 DILUTION MIX 1 PART CSI 30-30 WITH 4 PARTS SUITABLE MINERAL OIL: APPLY AS FOLLOWS						
lbs. A.I. acre		Application Rates				Fluid Ounces finished spray per acre
Permethrin	PBO	Fluid Ounces per Minute at Vehicle Speeds				
		5 mph	10 mph	15 mph	20 mph	
0.00700	0.00700	5.38	10.77	16.15	21.54	1.79
0.00350	0.00350	2.69	5.39	8.08	10.77	0.90
0.00175	0.00175	1.35	2.69	4.04	5.39	0.45

FOR A 1:8 DILUTION MIX 1 PART CSI 30-30 WITH 8 PARTS SUITABLE MINERAL OIL: APPLY AS FOLLOWS						
lbs. A.I. acre		Application Rates				Fluid Ounces finished spray per acre
Permethrin	PBO	Fluid Ounces per Minute at Vehicle Speeds				
		5 mph	10 mph	15 mph	20 mph	
0.00700	0.00700	9.55	19.09	28.64	38.18	3.18
0.00350	0.00350	4.77	9.55	14.32	19.09	1.59
0.00175	0.00175	2.39	4.77	7.16	9.55	0.80

USE AS AN INSECT BARRIER TREATMENT

For use in Non-Thermal ULV, motorized, portable, backpack, fog type mist blower equipment apply **CSI 30-30** with equipment adjusted to deliver ULV particles of 50 to 100 volume median diameter. **CSI 30-30** may be applied undiluted or diluted (see Application Rates tables section). If diluted use a 30 to 100 Second mineral oil, or another, (if recommended by Public Health Officials), suitable non-phytotoxic diluent. Use 0.00175 to 0.007 pound a.i. per acre at a 50 ft. (15.2 m) swath width, while walking at a speed of 2 mph (3.2 kph). When this product is applied as a barrier treatment, do not apply within 100 feet (30 meters) of lakes and streams.

AERIAL APPLICATION INSTRUCTIONS

Aerial application with ULTRA LOW VOLUMES of **CSI 30-30** at the Application Tables rates, may be considered necessary when conducted at the discretion of Public Health Officials, Mosquito Abatement Districts, or other trained personnel engaged in outdoor mosquito and flying insect control programs, when these insects threaten to become a public health hazard.

DROPLET SIZE CALIBRATION FOR AERIAL APPLICATION EQUIPMENT: Spray equipment must be adjusted so that the volume median diameter produced is less than 50 microns (Dv 0.5 < 50 um) and that 90% of the spray is contained in droplets smaller than 90 microns (Dv 0.9 < 90 um). 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.

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Applications should be made by suitable aerial ULV equipment with a minimum spray boom height of 100 feet from the ground for fixed wing or rotary aircraft. Flow rate should be set so as to achieve 0.09 to 0.36 fluid ounces CSI 30-30 ULV per acre of undiluted product. For fixed wing and rotary aircraft with flat fan or rotary nozzles, apply at a sufficient airspeed to deliver the appropriate amount of a.i./acre (0.00175 to 0.007 lb. a.i./acre) and to achieve the appropriate droplet range as prescribed by this label.

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

WARRANTY STATEMENT

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with 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. To the extent allowed by applicable law, Control Solutions, Inc. shall not event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein and to the extent consistent with applicable law, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of this product. *[Optional statement]*

Buyer and user assume all responsibilities for safety and use not in strict accordance with directions. *[Optional statement]*

**Net Contents (5); (30) Gallons
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507**