

53883-82

7/22/2002

1/3



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 M' St. S.W.
Washington, D.C. 20460

EPA Reg. Number

53883-82

Date of Issuance

JUL 22 2002

Term of Issuance

Conditional

Name of Pesticide Product

CSI 30 - 30

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.
5903 Genoa Red Bluff
Pasadena, TX 77505

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. Make the following labeling change:
 - a. Revise the EPA Registration Number to read "EPA Reg. No.53883-82".
3. Submit viscosity data to satisfy guideline 830.7100. The viscosity information in the submitted product chemistry package (MRID#456726-01) did not include specific units. This information must be submitted within 60 days.
4. The public literature data cited in support of the subject product were considered supplemental and do not completely satisfy the performance standard for adult mosquito control.

Signature of Approving Official:

Date:

July 22, 2002

The Agency may require submission of product performance data in support of label claims for any pesticide product in order to evaluate the benefits of product use where the risks are substantial, or in situations where a pattern of inadequate product performance has been reported. Since promulgation of the waiver of efficacy data, the Agency has not routinely required submission of product performance data of old pesticide chemicals registered prior to 1984 for non-public health pests. Although not required to be submitted, these data were required to be generated by pesticide producers. Pesticide producers are required to ensure that products will adequately perform their intended functions. With the advent of West Nile virus and the potential public health hazard this and other vectored diseases may pose, it is important that the Agency have a complete data base supporting performance of these pesticides as mosquito adulticides.

In this regard, we request that you submit or cite by "MRID" number any additional product performance data in your files on the subject mosquito adulticide product formulation. If after submission and review of all data currently on file for products containing permethrin and PBO for mosquito control the Agency determines that the submitted/cited data are unacceptable, then we may request submission of the following data listed below to support registration.

GUIDELINE REFERENCE NO.	TITLE OF STUDY
810.3400	Mosquito, Black Fly and Biting Midge (Sand fly) Treatments

5. Please submit two (2) copies of your final printed label before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosures

DIRECTIONS FOR USE

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

HOW TO APPLY

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 m.p.h. up to 20 m.p.h. 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 a 60 to 100 Second viscosity mineral oil and applied at a rate not to exceed 0.9636 fl. oz. of CSI 30-30, per acre. Both aerial and ground applications should be made when the wind is less than 10 M.P.H. For exact rates see the "UNDILUTED" or the "DILUTION" Rates charts on this label.

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. Do not apply this product within 100 feet (30 Meters) of lakes and streams. 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 are not greater than 10 m.p.h. Applications during the cool hours of night or early morning are usually preferable. Repeat treatment when recommended by Public Health officials, or mosquito Abatement Districts.

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 m.p.h. up to 20 m.p.h. For use with hand carried and/or lawn mower foggers, use the same rates of A.I. per acre with a 50 foot swath width at a walking speed of 2 m.p.h. Do not fog to wet foliage. Do not fog when wind conditions exceed 10 miles per hour. 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 0.01850 lb. of Permethrin a.i. and 0.00175 to 0.01850 lb. Piperonyl Butoxide a.i. per acre.

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 mass 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 0.0185 pound Permethrin A.I. per acre at a 50 ft. (15.2 m) swath width, while walking at a speed of 2 m.p.h. (3.2 k.p.h.). Whether applied undiluted or diluted, or at a different speed, make sure that the same amount of Permethrin A.I. is applied / acre.

***AERIAL APPLICATION**

Aerial applications 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. Application should be made by suitable aerial U.L.V. equipment capable of producing droplets with an MMD of 50 microns or less with no more than 2.5% exceeding 100 microns at an altitude of 300 feet and a forward speed of 150 m.p.h. achieving an effective swath width of 500 feet. Flow rate and swath width should be set so as to not exceed 0.9636 fluid ounce (0.0185 # permethrin and 0.0185# piperonyl butoxide a.i.) per acre.

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 the Florida Department of Agriculture and Consumer Services.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. 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, fuller's 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: Metal Containers- Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic Containers - Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned stay out of smoke.

CSI® 30-30

For Application only by Public Health Officials and Trained Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs. CSI 30-30 is an All Temperature, Quick Knockdown, Low Odor, Non-Corrosive, Synergized, Synthetic Pyrethroid for use in the control of Adult Mosquitoes, Biting and Non-Biting Midges, Black flies and Cluster Flies in Residential, Recreational, and Non-Crop Areas.

For Control of Adult Mosquitoes

EPA Reg. No. 53883-___ EPA Est. No. 53883-TX-1

ACTIVE INGREDIENTS:

Permethrin: CAS [2645-53-1] ----- 30.0%
Piperonyl Butoxide CAS [51-03-6] ----- 30.0%

OTHER INGREDIENTS: * ----- 40.0%
Total 100.0%

*Contains Petroleum Distillate

Contains 2.4486 lbs. A.I. Permethrin per gallon and 2.4486 lbs. A.I. Piperonyl Butoxide per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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

FIRST AID

IF SWALLOWED - 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 - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 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. Read entire label for Additional Precautionary Statements

NOTE TO PHYSICIAN: *Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. 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 before reuse.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift and runoff from treated areas. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not allow spray treatment to drift to pastureland, cropland, poultry ranges or water supplies. Do not contaminate water when disposing of equipment washwaters.

Bee Warning: This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product to allow it to drift onto blooming crops or weeds while bees are actively visiting the treatment areas.

PHYSICAL AND CHEMICAL HAZARDS

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

NOTICE:

Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

Net Contents (5): (30): Gallons

Control Solutions Inc.

5903 Genoa Red Bluff
Pasadena, TX 77505-1041 U.S.A.

DIRECTIONS FOR USE (continued)

ULV NON-THERMAL

CSI 30-30 is recommended for application as Fog) to control adult mosquitoes, flies and gnats are a problem, such as but not limited to parks, residential areas, municipalities, gardens, playgrounds, not apply within 100 feet (30 meters) of fish ponds. active and conditions are conducive to keeping recommended by Public Health Officials or Mosquito Abatement Districts. CSI 30-30 using any standard thermal aerosol fog with droplets ranging in size diameter (MMD) of 15 to 20 microns, (droplets should be below 5 microns), with an application undiluted, apply at a flow rate of 0.5472 to 5.78 M.P.H. These rates are equivalent to 0.00175 to 0.0185 pound of piperonyl butoxide a.i. per acre. If a different flow rates accordingly to vegetation density, vegetation or when insect populations are high ensure proper flow rate. CSI 30-30 may also be used with another suitable solvent, applied so as not to exceed the dilution is required, adjust the flow rate according to specifications. Do not exceed a flow rate of 20 oz. per acre and / or Public Health Officials when diluted 104 or 101 in emergency conditions and when fogging equipment.

CONDITIONS AND RATES

pounds a.i. per acre		APPLICATOR	
PERMETHRIN	PBO	FL. OZ. PER MINUTE	5 MPH IO MP
0.01850	0.01850	2.8908	5.78
0.00700	0.00700	1.0938	2.187
0.00350	0.00350	0.5469	1.093
0.00175	0.00175	0.2736	0.547

DILUTION RATES

Mix 1 part CSI 30-30 with 4 parts diluent

pounds a.i. per acre		Applicator	
PERMETHRIN	PBO	Fl. oz. per Minute	5 MPH IO MP
0.00700	0.00700	5.3847	10.769
0.00350	0.00350	2.6925	5.384
0.00175	0.00175	1.3464	2.692

Mix 1 part CSI 30-30 with 8 parts diluent

pounds a.i. per acre		Applicator	
PERMETHRIN	PBO	Fl. oz. per Minute	5 MPH IO MP
0.00700	0.00700	9.5457	19.091
0.00350	0.00350	4.7727	9.545
0.00175	0.00175	2.3865	4.773

Mix 1 part CSI 30-30 with 16 parts diluent

pounds a.i. per acre		Applicator	
PERMETHRIN	PBO	Fl. oz. per Minute	5 MPH IO MP
0.00700	0.00700	3.2814	6.563
0.00350	0.00350	1.6407	3.281
0.00175	0.00175	0.8205	1.641