

6959-33

10/7/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 7, 2011

Ms. Sharon M. Johnston,
Regulatory Consultant for Cessco, Inc.
c/o RegGuide Pesticide Regulatory Services
509 Tower Valley Drive
Hillsboro, MO 63050-1216

**Subject: Amended Labeling; Addition of Use Sites
A.C. Southern Spray-Tox Insecticide, EPA Reg. No. 6959-33
Your Submission Dated July 7, 2011**

Dear Ms. Johnston:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following label revision provision(s):

General Statement:

1. Delete all text throughout the label marked with "strikethrough."

Optional Marketing Statements section comment(s):

2. Within the 1st optional marketing statement, revise the word "Pyrethrin" to read "Pyrethrins" and replace the word "in" with the word "with."
3. Within the 2nd optional marketing statement, revise the words "SPRAY-TOX is designed for use in..." to read "SPRAY-TOX is formulated for use in..."

Ingredient Statement section comment(s):

4. To facilitate inclusion of required language from the REDs for pyrethrins and piperonyl butoxide (updated label tables for pyrethrins/piperonyl butoxide combination products), you must:
 - Revise the listing of "Piperonyl Butoxide, Technical*" to read "Piperonyl Butoxide*"
 - Revise the 1st footnote to read "(butylcarbityl)(6-propylpiperonyl) ether and related compounds."

First Aid, HOT LINE NUMBER subsection comment(s):

5. Revise the 2nd sentence within this subsection to read "For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-xxx-xxxx."¹

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s):

6. Insert the following text immediately preceding the 1st sentence within this subsection: "Contains petroleum distillates." and revise the 2nd sentence within this subsection to read "Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet."

¹ Please note that the "1-800-xxx-xxxx" phone number listed must be available twenty-four (24) hours per day, seven (7) days per week for answering and responding to any medical emergencies or health concerns.

Directions for Use, USE RESTRICTIONS subsection comment(s):

7. To facilitate inclusion of required language from the REDs for pyrethrins and piperonyl butoxide (updated label tables for pyrethrins/piperonyl butoxide combination products), make the following changes:
- Revise the 2nd bulleted statement to read "Do not contaminate food or feedstuffs."
 - Revise the 5th sentence within the 9th bulleted statement to read "Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or when conducting maintenance."
 - Insert the following new text immediately preceding the 11th bulleted statement: "For indoor misting systems used in commercial barns, stables, and animal quarters: Not for use in outdoor residential misting systems (indoor or outdoor). Do not apply when food, feed, and/or water is present. When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed. When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are typically present. Direct nozzles to spray towards the target area and away from areas where people are typically present. Do not use in an evaporative cooling system. Do not use in misters located within 3 feet of air vents, air conditioner units, or windows. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds __ parts [*product name*] to __ parts water. If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve. This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of [insert product application rate]." ²

Directions for Use section comment(s):

8. Revise the 1st paragraph immediately following the revised "**USE RESTRICTIONS**" subsection to read "This ready-to-use concentrate may be dispersed through mechanical, thermal, or compressed air fogging or spraying equipment. If used in food areas of meat, poultry, shell egg grading, or egg processing plants, this product must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns)."
9. Within the "**INDOOR AREAS:**" subsection, revise the listing of the following use sites: "day care centers, hospitals, nursing homes, and schools" to read "day care centers*, hospitals*, nursing homes*, and schools*" and add a new footnote immediately following this subsection that reads "*Use sites not approved for automatic space spray systems."

Storage and Disposal Statement section comment(s):

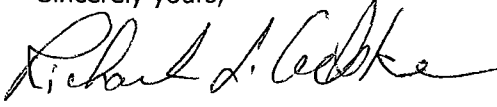
10. Revise the 1st sentence within the "**Pesticide Storage and Spill Procedures:**" subsection to read "Store product in its original container in a cool, dry place away from heat or open flame in an area that is inaccessible to children and animals."

Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

² **Note to registrant:** You must also express this application rate as pounds or gallons of end-use product formulation.

A copy of your label stamped "Accepted with Comments" is enclosed for your records. If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov.

Sincerely yours,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosure: *Copy of label stamped "Accepted with Comments"*
006959-00033 D452167

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MASTER LABEL

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CESSCO A.C. SOUTHERN SPRAY-TOX INSECTICIDE

- **SPRAY-TOX** is an effective ready-to-use Pyrethrin Insecticide for application in specialized mechanical, thermal or compressed air fogging equipment that can be adjusted to deliver a true aerosol mist.
- **SPRAY-TOX** is designed for use in bakeries, food plants, restaurants, hotels, motels, hospitals, schools, office buildings, warehouses, dairies, milk rooms, horse barns, meat packing plants, boats, flour mills, food processing & handling plants, food storage warehouses and other listed sites.

ACTIVE INGREDIENTS:

Pyrethrins.....	0.3%
Piperonyl Butoxide, Technical	1.5%
OTHER INGREDIENTS**:	<u>98.2%</u>
	100.0%

*Equivalent to 1.2% of (butylcarbityl)(6-propylpiperonyl) ether and 0.3% of related compounds.
 **Contains petroleum distillate, xylene or xylene range aromatic solvent.

EPA REG. NO. 6959-33

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel For Additional Precautions

NET CONTENTS:

MANUFACTURED BY:

CESSCO, INC.
 3609-A River Road
 Johns Island, SC 29455

1-800-476-3666

**ACCEPTED
 With COMMENTS
 In EPA Letter Dated:
 October 7, 2011**
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:
6959-33

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FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> ▪ Call a poison control center or doctor immediately for treatment advice. ▪ Do not induce vomiting unless told to do so by the poison control center or doctor. ▪ Do not give any liquid to the person. ▪ Do not give anything by mouth 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 an 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 further 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.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the poison control center at 1-800-222-1222 for emergency medical treatment information.</p>	
NOTE TO PHYSICIAN	
<p>Contains petroleum distillate - vomiting may cause aspiration pneumonia.</p>	

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION : Harmful if swallowed, inhaled or absorbed through skin. Wash thoroughly with soap and water after handling. Avoid breathing vapors or spray mist. Avoid contact with clothing, eyes and skin. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeve shirt
- Long pants
- Shoes and socks

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- A dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C), or
- A canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- A cartridge or canister with any R,P or HE filter.

User Safety Requirements:

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.

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

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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.

Environmental Hazards

[For containers greater than 5 gallons]

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Physical and Chemical Hazards

Store containers upright. Do not use or store near heat or open flame. Avoid exposure to extreme temperatures. Do not apply this product in or on electrical equipment due to the possibility of a shock hazard.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- Apply this product only as specified on this label.
- Do not contaminate ~~of~~ food or feedstuffs.
- Do not use in aircraft cabins.
- ~~Not for use in outdoor residential misting systems (indoor or outdoor).~~
- **Except when applying with an automatic space spray system**, do not enter or allow others to enter until sprays have dispersed, and the treated area has been thoroughly ventilated. Do not remain in treated area. Exit area immediately and remain outside the treated area until sprays have dispersed.
- **Except when applying with an automatic space spray system**, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- Remove or cover exposed food (except when applying to post-harvest commodities) and drinking water before application. Remove or cover dishes, utensils, ~~food contact surfaces of~~ food processing equipment and food preparation surfaces or wash them before use.
- For indoor food handling/processing facilities: Do not make space spray applications when facility is in operation. Except when applying to post-harvest commodities, prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. Do not apply more than 1 time per day.
- **For automatic space spray systems:** Not for use in residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Except when applying to post harvest commodities, do not place nozzles directly over or within 8 feet of exposed food, dishes, utensils, food contact surfaces of food processing equipment and food handling or preparation surfaces. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit and when recharging with product or conducting maintenance.
- For indoor agricultural premises, commercial animal housing and equipment and direct application to non-domestic animals/livestock: Do not apply more than 1 time per day.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before applications. Wash teats of animals before milking.
- **For post-harvest applications to vegetables:** Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes.
- **For food stored in bags:** Direct application to food contact surfaces is prohibited

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- Remove pets, birds and cover fish aquariums before spraying.
- **In hospitals, NOT for use in automatic space spray systems.** Remove patients from room prior to treatment. Thoroughly ventilate room for at least 2 hours after application. Do not return patient to room until after ventilation.

This ready-to-use concentrate may be dispersed through good mechanical, thermal or compressed air fogging or spraying equipment. If used in edible product areas of Federally Inspected meat, poultry, shell egg grading and egg product establishments, it must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

INDOOR AREAS:

Auditoriums, bakeries, beverage plants, bottling plants, breweries, buildings, buses, cafeterias, canneries, coffee warehouses and processing plants, commercial buildings, communication centers, concession stands, dairies, day care centers, delicatessens, department stores, diners, drug stores, dumpsters, dwellings, egg processing plants, factories, feed mills, flour mills, food processing and storage facilities, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage compactors, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse barns, hospitals, hotels, indoor eating establishments, industrial installations, institutions, locker rooms, meat packing plants, milk rooms, motels, nursing homes, office buildings, public buildings, parking garages, peanut warehouses & processing plants, public storage, railroad cars, recreational vehicles, restaurants, retail stores, rice mills, schools, ship's holds, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, stores, supermarkets, textile mills & warehouses, theaters, tobacco factories & warehouses, trains, transportation equipment, trucks, trailers, warehouses & wineries.

TO KILL THE FOLLOWING INSECTS:

Almond Moths, Angoumois Grain Moths, Ants, Black Fly, Boxelder Bugs, Brown Dog Ticks, Cadelles, Carpet Beetles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetle, Drugstore Beetles, Earwigs, Face Fly, Firebrats, Flat Grain Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser Housefly, Mediterranean Flour Moths, Merchant Grain Beetle, Midges, Miller Moths, Millipedes, Mosquitoes, Flying Moths, Palmetto Bugs, Pillbugs, Red Flour Beetles, Rice Flour Beetles, Rusty Grain Beetles, Saw-Toothed Grain Beetle, Silverfish, Skipper Fly, Spiders, Spider Beetles, Stable Flies, Sowbugs, Ticks, Ticks That May Carry and Transmit Lyme disease, Tobacco Moths, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

AUTOMATIC SPACE SPRAY SYSTEMS: Use in automatic space spray systems to kill exposed accessible stages of: **Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants** and the following common stored product pests: **Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles.** Close room and shut off all air conditioning or ventilating equipment. Set system to apply undiluted concentrate at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

SPACE TREATMENT: For use in aerosol generators to kill **House Flies, Stable Flies, Blow Flies, Fruit Flies, Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Boxelder Bugs, Bran Bugs, Earwigs, Ants, Ham & Cheese Mites, Cheese Skippers, Clover Mites, Flour Beetles, Foreign Grain Beetles, Granary Weevils, Rice Weevils, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Chocolate Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites & Cadelles.** Close all doors and windows and shut off ventilating systems. Apply as a fog or fine mist at a rate of 0.75 - 1.5 ounce per 1000 cubic feet of space. Direct spray towards ceiling in all directions and behind obstructions. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying.

CONTACT SPRAY: TO KILL **Cockroaches, Silverfish, Earwigs, Ants, Spiders,** use a mechanical aerosol generator or a fogger. Apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harbor areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible.

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CONTACT AND SPACE SPRAY: TO KILL Cockroaches, Silverfish, Earwigs, Ants, Spiders, use a mechanical aerosol generator or a fogger. First, apply as a spot & crack & crevice treatment at 0.75 gallon / 1000 sq. ft. of surface area. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Then treat as a space spray. Apply at a rate of 0.75 to 1.5 fluid ounce / 1000 cu. ft. of space. Close off and vacate treated areas for at least 30 minutes and thoroughly ventilate before reoccupying. Do not apply more than 1 time per day.

Treatment of Food Stored in Bags: To kill accessible adult stages of **Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Four Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles,** and other listed pests, apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space. Fumigate or destroy infested stored products or treat by other effective methods using an approved product intended for this purpose. Direct application to food contact surfaces is prohibited.

Application to Bulk Post-Harvest Vegetables (Potato, Tomato, Pea, Sweet Potato), **Fruits** (Apple, Blackberry, Blueberry, Boysenberry, Cherry, Crabapple, Currant, Dewberry, Fig, Gooseberry, Grape, Guava, Loganberry, Mango, Muskmelon, Orange, Peach, Pear, Pineapple, Plum, Raspberry), **Nuts** (Almonds, Walnuts) and other Commodities (Copra and Peanut): To kill accessible stages of **Angoumois Grain Moths, Cadelles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Cockroaches, Flour Beetles, Flies, Fruit Flies, Gnats, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Saw-Toothed Grain Beetles, Silverfish, Foreign Grain Beetles** and other listed insects. Apply as a surface application at a rate of 15.0 ounces / 1000 sq. ft. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Or apply as a space spray at a rate of 1.5 ounce / 1000 cu. ft. of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions. Do not reapply within 7 days. Do not apply more than 10 times to sweet potatoes. Do not apply both surface and space sprays within the same 7-day period.

FOR CLOTHES MOTHS AND CARPET BEETLES: Clean and spray closets thoroughly to reach all hiding places. Clean and brush woolen articles. Repeat application every 30 days. When carpets are infested, spray both sides thoroughly. When spraying near fabrics, keep spray in constant motion, at least 36 inches away from fabrics. Spraying closer may cause stains.

FOR BED BUGS: Spray baseboards, moldings and floor boards. Spray mattresses and box springs. It will be necessary to dismantle the bed completely, thoroughly spraying each part, including mattress and box springs. All baseboards and wall cracks about the bedroom should be thoroughly treated. Repeated applications and direct contact of the pest with spray are necessary for control.

STORAGE AND DISPOSAL

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

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 Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions given herewith.