

9688-272

7/22/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505C)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number: 9688-272	Date of Issuance: 07/22/08
Term of Issuance: Conditional	
Name of Pesticide Product: Chemsico Insecticide 16L-RTS	

**NOTICE OF PESTICIDE:**  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
 Chemsico  
 Division of United Industries Corp.  
 P.O. Box 142642  
 St. Louis, MO 63114-0642

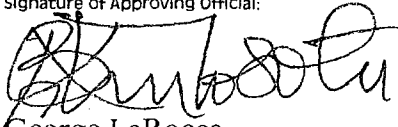
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

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 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 re-registration of your product under FIFRA section 4.
2. Make the following labeling changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read: "EPA Registration No. 9688-272"

Signature of Approving Official:  
  
 George LaRocca  
 Product Manager (RM 13)  
 Insecticide Branch  
 Registration Division (MC 7505P)

Date:  
 July 22, 2008

- b. Under Ornamental Trees, Shrubs and Flowers; First line directly under sub title, delete the phrase "**but not limited to**" from the statement.
  - c. Under Vegetables, revise the statement "Wet leaves and branches to the dripping point" to read "**Wet leaves and branches thoroughly but do not allow run off to occur**".
  - d. Based on the toxicity profile for this product, you may delete the eye irritation precautionary statements and associated first aid statements.
  - e. Revise the warranty disclaimer to read "**To the extent consistent with applicable law, buyer assumes all responsibilities for safety and use not in accordance with directions**".
3. After 6 months from date of product's release for shipment, revise the labeling to delete the claim "**New Formula**", and delete the word "**New**" from the other claims "**New & Improved Formula**" and "**New Longer Lasting Formula**".
  4. Submit final printed label bearing the above stated revisions prior to releasing this product for sale.

Please note that the label for this product was approved with the understanding that it is consistent with the labeling for the me-too products (EPA Reg. Nos. 9688-262, -195 & -183). If you fail to comply with the above stated conditions, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes your acceptance of these conditions.

See enclosed stamped label for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure

# CHEMSICO

## Insecticide 16L-RTS

**For Outdoor Use Around the Home Only.**

[Protects Listed Areas:] [Protects] Lawns, Roses, Flowers, Trees, Shrubs, Vegetables and Fruit Trees • Wide Range of Control: [Controls] Ants, Aphids, Chinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod Webworms & many others • Controls tough outdoor insects • Kills Lawn and Garden Insects...including grubs, chinch bugs, European crane flies, fleas, mosquitoes, sod webworms, aphids, Japanese beetles, whiteflies, ants, mites, deer ticks and other listed insects • Kills grubs • Keeps Killing Nuisance Pests Outside the Home for Up to 8 Weeks [2 months] • Keeps Killing Pests on Outdoor Surfaces for Up to 8 Weeks [2 months] • Up to 8 week Control of Nuisance Pests • Low Odor [Formula] • Kills Fast • Fast Kill Formula • Connect and Spray • Spray Concentrate • Concentrated Insect Spray • Kills 180+ Pests [on Contact] • \*Guaranteed Results or Your Money Back • Covers up to 5000 square feet of lawn • Water-based • Long Lasting Formula • Fast Acting Formula • For Broadcast and Barrier Use • ‡Non-staining • Works [Kills] in 24 Hours • Broad Spectrum [Insect Killer] [Insecticide] [Concentrate] • Fast Acting [Long Lasting] Formula • Kills pests on contact • For Lawn [Garden] Insects • Kills Insects • Kills Above & Below Ground • kills mosquitoes, fleas, deer ticks [which may transmit Lyme Disease] and other lawn infesting insects • Controls Twice as long as our Chemsico Lawn Insect Spray • Control 2X Longer than our Chemsico Lawn Insect Spray • New Formula • New & Improved Formula • New Longer Lasting Formula (compared to Chemsico Lawn Insect Spray) •

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**JUL 22 2008**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.**

Active Ingredient	.....	0.13%
Lambda-Cyhalothrin	.....	
Other Ingredients	.....	99.84%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION.** See end of booklet for additional precautionary statements  
[Option for booklet label: See back booklet for additional precautionary statements.]

**Net [Contents] 1 qt/ 32 fl oz / 946 mL**

### OPTIONAL PRODUCT FACT BOX

#### PRODUCT FACT BOX

**What it Does:**

Kills Grubs, Ants, Fleas, Chinch Bugs, Mosquitoes, Sod Webworms, Aphids, Beetles, Whiteflies, Mites, Deer Ticks, Japanese Beetles, European Crane Flies, Fire Ants and Other Listed Insects

**Where to Use:** (icon outdoors) Lawns, Landscapes and Outdoor Surfaces, Vegetables and Fruit Trees

**Coverage (32 fl oz):** Up to 5000 sq ft [6100 sq ft of vegetables]

**Questions & Comments:** (phone icon) (computer icon)

Call 1-800-332-5553 or Visit our Website at [www.xxxx.com](http://www.xxxx.com)

**STOP. READ ENTIRE LABEL BEFORE USE.**

#### DIRECTIONS FOR USE

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



**Do not allow children or pets into the treated area until dry.**

**In New York State, this product may not be applied to lawns within 100 ft of a coastal marsh, or stream that drains directly into a coastal marsh.**

#### HOW TO APPLY

Determine the size of the spraying job. For lawns measure the area to be sprayed. For trees, shrubs and flowers, apply as a thorough cover spray. Begin treating when insects first appear. Applications should be repeated only as directed to maintain control. Apply as directed. Remember, thorough coverage is important.

#### USING THE READY SPRAY NOZZLE (Optional subheading)

1. Shake container well before using.
2. Connect a garden hose to the Ready Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position with the [green] safety tab in the valve notch.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.
4. To BEGIN spraying, point nozzle toward treatment site and a.) bend the [green] safety tab back (located at right of yellow dial) with your thumb, b.) hold while turning yellow dial clockwise until it stops. Water will automatically mix with the product.

5. Spray until wet to control insects. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, QUICKLY turn the dial counter clockwise until it stops and the safety tab engages into the notch on the valve. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position with [green] safety tab in the valve notch. Place in cool area away from heat, sunlight or open flame.

‡NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and recheck in a few hours. Do not use any if any staining is observed.

**LAWNS**

**THATCH INFESTING INSECTS/UNDERGROUND INSECTS** including Blue grass billbug (adult), Black turfgrass *Ataenius* (adult), chiggers, chinch bugs, white grubs (Japanese beetle, European chafer, Southern chafer), dung beetle and hyperodes weevils (adult) and mole crickets (nymphs and young adults). Use 1 qt of Chemsico Concentrate 16L-RTS to treat [cover] 2500 sq ft of lawn. For sub-surface insect control (mole crickets, grubs) water treat area with additional ¼ to ½ inch of water for optimum results. Do not apply more than seven (7) times per year per location.

**SURFACE INSECTS** including ants\*, armyworms, cockroaches, crickets, cutworms, earwigs, fleas, lawn moths (sod webworms), millipedes, mosquitoes, palmetto bugs, sowbugs, mites, spittlebugs, deer ticks (which may transmit Lyme Disease) and waterbugs. Use 1 qt of Chemsico Concentrate 16L-RTS to treat [cover] 5000 sq ft of lawn. Thoroughly wet down grass a few hours before applying. Delay additional watering or mowing for 24 hours after application for optimum control of surface insects. Do not apply more than fourteen (14) times per year per location.

**WHEN TO TREAT:** Treat the following pests during the months indicated or when first noticed.

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				Billbugs			Grubs				
				Dung beetle grubs							
				Hyperodes weevils							
Treat ants and other insects when they first appear, or you notice lawn damage.											

\*Only Argentine, Southern, Field, Allegheny mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.

**[NUISANCE] PESTS OUTSIDE THE HOME**

**OUTDOOR SURFACES USE:** For control of ants\*, centipedes, cockroaches, crickets, fleas, millipedes, mosquitoes, palmetto bugs, scorpions, sowbugs, pillbugs, spiders, deer ticks and waterbugs. Apply as a residual treatment to ornamental plants next to foundations of buildings and to surfaces of buildings, porches, screens, window frames, eaves, patios, garages and other similar areas where these pests are active. 1 quart [of Chemsico Concentrate 16L-RTS] treats 2100 sq ft. Repeat application every 8 weeks [2 months].

\*Only Argentine, Southern, Field, Allegheny mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.

**ORNAMENTAL TREES, SHRUBS AND FLOWERS**

[For use on ornamental trees, shrubs and flowers such as but not limited to: Ageratum, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Carnations, Cherry (ornamental), Chrysanthemums, Carnations, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Weeping Fig, Willow, Zinnia.]

To control [kill] ants\*, armyworms, azalea caterpillar, aphids, bagworms, black vine weevil (adult), boxelder bugs, budworms, California oakworm, cankerworms, cockroaches, crickets, cutworms, Eastern tent caterpillar, elm leaf beetles, European sawfly, fall webworm, flea beetles, forest tent caterpillar, gypsy moth larvae, Japanese beetles (adults), June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leafminers (adults), leafrollers, leaf skeletonizers, midges, oleander moth larvae, pillbug, pi sawfly, pine shoot beetles, pinetip moths, plant bugs, root weevil, sawfly, scale insects (crawlers), spiders, spittlebugs, striped beetles, striped oakworm, thrips, tip moth, tussock moth larvae, broadmites, brown softscale, California redscale (crawler), clover mites, mealybugs, pineneedle scale (crawler), spider mites and whiteflies.

\*Only Argentine, Southern, Field, Allegheny mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.

Apply as a thorough foliar spray. Wet leaves and branches thoroughly but do not allow run off to occur. Try to spray underside of leaves and penetrate dense foliage.

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**USE TIPS**

- For best results, apply early before insect populations are high.
- For scale control, treat entire plant, including stem, trunks and twigs.
- For bagworm control, apply when bagworm larvae begin to hatch.
- For best results, apply to both sides of plant leaves and all plant surfaces where insects are found.

**VEGETABLES**

Apply when insects appear or when damage occurs. Spray to wet all infested plant surfaces. Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to spray underside of leaves and penetrate dense foliage. One qt will treat 6100 sq ft of vegetable plants.

Do not apply more than 5 times per growing season to corn. For all other crops do not apply more than 9 times per growing season.

For use on Broccoli, Brussels Sprouts, Cabbage, Cavalo Broccoli, Cauliflower, Chinese Broccoli, Chinese Cabbage, Chinese Mustard, and Kohlrabi to control [kill]: Alfalfa Looper, Cabbage Looper, Imported Cabbageworm, Southern Cabbageworm, Cutworm, Cabbage Webworm, Diamondback moth, Armyworm, Beet Armyworm, Fall Armyworm, Yellow-striped Armyworm, Corn Earworm, Flea Beetle, Japanese Beetle (Adult), Grasshopper, Leafhopper, Plant Bug, including Lygus Bug, Stink Bug, Meadow Spittlebug, Aphid, Whitefly, Thrips, Spider Mite.

For use on Corn (sweet and pop) to control [kill] Cutworm, Western Bean Cutworm, Corn Earworm, Green Cloverworm, Meadow Spittlebug, Tobacco Budworm, European Corn Borer, Southwestern Corn Borer, Stalk Borer, Hop Vine Borer, Armyworm, Beet armyworm, Western Corn Rootworm Beetle (adult), Northern Corn Rootworm Beetle (adult), Southern Corn Rootworm Beetle (adult), Mexican Corn Rootworm Beetle (adult), Bean Leaf Beetle, Cereal Leaf Beetle, Japanese Beetle (adult), Sap Beetle (adult), Stink Bug, Grasshopper, Corn Leaf Aphid, English Grain Aphid, Chinch Bug, Green Bug.

Sweet corn only: Southern Armyworm, Western Bean Cutworm, Tarnished Plant Bug, Aster Leafhopper, Aphid, Spider Mite, Corn silkfly (adult).

For use on Lettuce (head and leaf) to control [kill]: Alfalfa Looper, Cabbage Looper, Imported Cabbageworm, Cutworm, Saltmarsh Caterpillar, Green Cloverworm, Diamondback moth, Armyworm, Beet Armyworm, Fall Armyworm, Southern Armyworm, Corn Earworm, Tobacco Budworm, European Corn Borer, Flea Beetle, Japanese Beetle (Adult), Vegetable Weevil (adult), Grasshopper, Leafhopper, Plant Bug, Stink Bug, Meadow Spittlebug, Aphid, Whitefly, Spider Mite.

For use on Onion (bulb) and Garlic to control [kill]: Cutworm, Seedcorn Maggot (adult), Onion Maggot (adult), Leafminer, (adult), Armyworm, Onion Thrips, Tobacco Thrips, Western Flower Thrips, Flower Thrips, Aphid, Plant Bug, Stink Bug.

For Use on Tomato, Tomatillo, Peppers (bell and nonbell), Eggplant, Ground Cherry and Pepino to control [kill]: Cabbage Looper, Cutworm spp., Hornworm, Tomato Fruitworm, Tobacco Budworm, Tomato Pinworm, Beet Armyworm, Southern Armyworm, Yellow-striped Armyworm, Fall Armyworm, European Corn Borer, Leafminer, Colorado Potato Beetle, Flea Beetle, Grasshopper, Leafhopper, Aphid, Whitefly, Meadow Spittlebug, Stink Bug, Plant Bug, Stalk Borer, Blister Beetle, Japanese Beetle (adult), Vegetable Weevil, Cucumber Beetle (adult).

For use on Asparagus beans, Snap Beans, Wax Beans Black-eyed Peas, Gard Peas, Green Peas and Sugar Snap Peas to control [kill]: Cutworm spp., Gre Cloverworm, Imported Cabbageworm, Saltmarsh Caterpillar, Velvetleaf Caterpillar, Mexican Bean Beetle, Corn Earworm, Painted Lady Butterfly (Larva), European Corn Borer, Looper spp., Western Bean Cutworm, Armyworm, Yellow-Striped Armyworm, Western Yellow-Striped Armyworm, Bean Leafskeletonizer, Webworm spp., Leaf-tier spp., Alfalfa Caterpillar, Stalk Borer, Cucumber Beetle (adult), Corn Rootworm Beetle (adult), Flea Beetle (adult), Blister Beetle, Bean Leaf Beetle, Japanese Beetle (adult), Leafhopper spp., Fleas Hopper spp., Three-Cornered Alfalfa Hopper, Meadow Spittle Bug, Stink Bug spp., Plant Bug spp., Grasshopper, Thrips spp., Aphid spp.

For use on Lettuce (Head and Leaf) to control [kill]: Alfalfa Looper, Cabbage Looper, Imported Cabbageworm, Cutworm spp., Saltmarsh Caterpillar, Green Cloverworm, Armyworm, Beet Armyworm, Fall Armyworm, Corn Earworm, European Corn Borer, Flea Beetle spp., Japanese Beetle (adult), Vegetable Beetle (adult), Grasshopper, Leafhopper, Plant Bug, Stink Bug, Meadow Spittlebug.

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST	
VEGETABLES	PHI
Broccoli, Brussels sprouts, Cabbage, Cavalo Broccoli, Cauliflower, Chinese Broccoli, Chinese Cabbage, Chinese Mustard, Kohlrabi, Lettuce (Head & Leaf)	1
Tomato, Tomatillo, Peppers (bell and nonbell), Eggplant, Ground Cherry and Pepino	5
Onions (bulb), Garlic	14
Corn (sweet and pop)	21
Asparagus beans, Snap Beans, Wax Beans Black-eyed Peas, Garden Peas, Green Peas and Sugar Snap Peas	7
Lettuce (Leaf and Head)	1
PHI = Pre-Harvest Interval	

**FRUIT AND NUT TREES**

Apply when insects appear or when damage occurs. Spray to wet all infested plant surfaces. Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to spray underside of leaves and penetrate dense foliage. One qt will treat 6100 sq ft of fruit and nut trees.

**For Fruit Trees do not apply more than 9 times per year, and only apply 5 times after blooms have formed. For Nut Trees do not apply more than 6 times per year, and only apply 5 times after blooms have formed.**

For use on Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear and Quince to control [kill]: **Leafhopper spp., Codling Moth, Tufted Apple Budworm, Oriental Fruit Moth, Lesser Appleworm, Green Fruitworm, Tent Caterpillar spp., Tentiform Leaf Miner spp., Apple Maggot (adult), Pear Sawfly, Plum Curculio, Japanese Beetle, Plant Bug, Stink Bug, Leafhopper, Periodical Cicada, Apple Aphid, Rosy Apple Aphid, Pear Psylla, San Jose Scale (on fruit only).**

For use on Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot and Prune to control [kill]: **Leafroller spp., Peach Twig Borer, Oriental Fruit Moth, Peachtree Borer spp., Green Fruitworm, Tent Caterpillar spp., American Plum Borer, Cherry Fruit Fly spp., (adult), Plum Curculio, Rose Chafer, Japanese Beetle, Plant Bug, Stink Bug, Leafhopper spp., Periodical Cicada, Black Cherry Aphid.**

For use on Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black and English) and Pecan to control [kill]: **Leafroller spp., Navel Orangeworm, Codling moth, Filbertworm, Peach Twig Borer, Walnut Husk Fly spp. (adult), Ants, Plant Bug, Stink Bug, Chinch Bug, Leafhopper, Walnut Aphid, Hickory Shuckworm, Pecan Casebearer spp., Pecan Weevil, Pecan Aphid spp., Pecan Spittlebug, Pecan Phylloxera spp.**

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST	
<b>Fruit and Nut Trees</b>	<b>PHI</b>
Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear, Quince	21
Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw, Damson, Japanese), Plumcot and Prune	14
Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black and English) and Pecan	14
<b>PHI = Pre-Harvest Interval</b>	

**STORAGE AND DISPOSAL**

**Storage:** Store in a cool dry area away from heat or open flame.  
**If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION.** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FIRST AID**

**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 do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person. **If in Eyes:** 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.

Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice.

**Environmental Hazards**

This product is extremely toxic to fish and other aquatic organisms. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.**

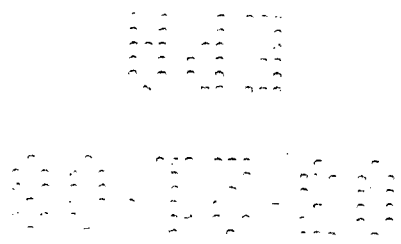
**[Questions or comments? Call 1-800-332-5553 or visit our website.]**

[\*If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

Made in the USA for  
Chemsico, Division of United Industries Corporation  
PO Box 142642, St. Louis, MO 63114-0642

EPA Reg. No.: 9688-  
EPA Est. No.: 9688-MO-1

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