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10900-64

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Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0050 Approval expires 11-30-92

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 180283
	Application for Pesticide:		

Section I

1. Company/Product Number 10900-64	2. EPA Product Manager Hutton	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 675 House & Garden Spray-Resmethrin/Bioallethrin PM-18		
5. Name and Address of Applicant (Include ZIP Code) Sprayon Products Group c/o Specialty Division Division of the Sherwin-Williams Co. 31500 Solon Rd. Solon, Rd. 44139		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 _____
<input type="checkbox"/> Check if this is a new address		

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"/> New Test 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 of Label revision prohibiting application to water per PP Notice 93-2 and 95-8. This notification is consistent with the provisions of PP Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the identical statement of formula of this product. I understand that it is a violation of 16 U.S.C. Sec. 1091 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PP Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action under sections 12 and 14 of FIFRA.

Section III

1. If "Yes," then:	2. Type of Container																	
<table border="1"> <tr> <td>Child Resistant Packaging</td> <td>Unit Packaging</td> <td>Water Soluble Packaging</td> </tr> <tr> <td><input type="checkbox"/> Yes* <input type="checkbox"/> No</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td><input type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>* Certification must be submitted.</td> <td> <table border="1"> <tr> <td>If "Yes," Unit Package wgt.</td> <td>No. per container</td> </tr> <tr> <td></td> <td></td> </tr> </table> </td> <td> <table border="1"> <tr> <td>If "Yes," Package wgt.</td> <td>No. per container</td> </tr> <tr> <td></td> <td></td> </tr> </table> </td> </tr> </table>	Child Resistant Packaging	Unit Packaging	Water Soluble Packaging	<input type="checkbox"/> Yes* <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	* Certification must be submitted.	<table border="1"> <tr> <td>If "Yes," Unit Package wgt.</td> <td>No. per container</td> </tr> <tr> <td></td> <td></td> </tr> </table>	If "Yes," Unit Package wgt.	No. per container			<table border="1"> <tr> <td>If "Yes," Package wgt.</td> <td>No. per container</td> </tr> <tr> <td></td> <td></td> </tr> </table>	If "Yes," Package wgt.	No. per container			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
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3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product																
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> 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 R. McClellan	Title Transportation Coordinator	Telephone No. (Include Area Code) (216) 498-6051
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)
Signature	3. Title Transportation Coordinator	
4. Typed Name Lisa R. McClellan	5. Date 9/8/95	

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875 House and Garden Spray - Resmethrin/Bioallethrin

Directions For Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes or ornamental gardens.

For use indoors and outside premises of hotels, motels, homes, preschools, nurseries, day camps, greenhouses, lathouses, seedhouses, commercial, industrial, office, institutional and storage buildings, milk handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, barns, boats, ship cabins and hospitals. In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation. Do not use in USDA meat and poultry processing plants. Do not use in campers, mobile homes, buses, automobiles, trucks, boxcars and ship cargo holds. Also for use in dog kennels and horse stables. In horse stables, not for application if horses will be used for food.

Food Areas: Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using this product in these areas, apply only when the facility is not in operation.

A Synthetic pyrethroid for controlling the following flying & crawling insects in and around households, greenhouses, buildings, vehicles, boats, kennels & stables:

Flying Insects

houseflies
mosquitoes
gnats (midges)
deer flies
stable flies
flying moths (millers)
fruit flies
wasps
hornets
yellow jackets
bees

Crawling Insects

cockroaches
waterbugs
bedbugs
fleas
ticks
crickets
silverfish
earwigs
spiders
sowbugs
centipedes
millipedes
grain mites
grain insects

Plant Pests

aphids
thrips
whiteflies
leafhoppers
two-spotted mites
plant bugs
spittlebugs
Japanese beetles
mimosa webworm
armyworms
budworms

leaf beetles
gypsy moths
tussock moths
oakworms
sawflies
lent caterpillars
spider mites
red spider mites
cutworms
weevils
slugs

To use entire contents:
Hold sprayhead stationary
and rotate can until material
sprays as shown.



Precautionary Statements: Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing mist. Cover or remove exposed foods. To avoid contamination of cooking utensils and food preparation surfaces, in food processing plants, apply only when plants are not in operation. Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment. Remove pets and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush skin and eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present or so intertidal areas below the mean high water mark. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL & CHEMICAL HAZARDS: Contents under pressure. Do not puncture. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Exposure to temperatures above 130°F may cause bursting. Do not dump container into fire or incinerator.

STORAGE AND DISPOSAL

Disposal: Do Not Reuse Empty Container. Wrap and Put in Trash. Collect for Recycling.
Storage: Store in a Cool Dry Place. Keep Container Closed.

Important Note: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given hereon.



The Specialty Division
Division of The Sherwin-Williams Company
Sprayon Products Company

875

House & Garden Spray

Resmethrin/Bioallethrin

ACTIVE INGREDIENTS:

1. Resmethrin (5-(phenylmethyl)-3-furanyl methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)

cyclopropanecarboxylate 20%

2. trans Allethrin (allyl benzoate of Cinerin I) 15%

INERT INGREDIENTS 99.65%

100.00%

*Cis/Trans isomers ratio: max. 30% (±) cis and min. 70% (±)

U.S. Patent Nos. 3,465,002 and 3,542,928

House of Dio's "DDP-1302" brand of resmethrin insecticide

*Bioallethrin

EPA Reg. No. 10900-04

EPA Est. No. 10900



KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED OR INHALED.
AVOID CONTACT WITH SKIN.

See side panel for additional precautionary and practical treatment statements.

20 oz • 566 g net wt.

TO KILL BEDBUGS: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

TO KILL FLEAS & TICKS ON DOGS, CATS & PREMISES: Apply directly to animals along back, under forelegs, and on other areas except scrotum and anus. Part hair to contact skin and insure good coverage. Hold nozzle about one foot away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animal. Repeat within 24 hours of first treatment, if necessary. To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of dog houses. Repeat as necessary, thoroughly spraying floors, cracks, crevices and bedding. Hit as many insects directly as possible.

TO PROTECT ORNAMENTAL PLANTS in greenhouses, laboratories, homes, commercial and institutional buildings, and for indoor landscaping: Spray directly on insects as directed below to kill aphids, exposed thrips, whiteflies, leafhoppers, plant bugs, spittlebugs, two-spotted mites, red spider mites, spider mites, cutworms and slugs on the following plants:

African violet	coleus	asparagus fern	Jacob's ladder	pothos
ageratum	gold-dust croton	fuchsia	lilac	rose
amaranth	cup flower	geranium	lobelia	snapdragon
false azalea	daisy	heliotrope	marigold	silver vase
begonia	daphne	hibiscus	mayten tree	toyon
Christmas cactus	dracaena	impatiens	nasturtium	verbena
chrysanthemum	dumbcane	ivy	petunia	umbrella tree
cocklebush	fatshedera	jade	philodendron	wax plant
				zinnia

Contact Spray for pests listed above: Hold container 18 inches from the infested plants. Spray in short bursts from one to three seconds or spray at the rate of one linear foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. If application is made indoors, remove infested plants from living and eating areas prior to spray application. Spray several plants at once and in an area not likely to come in contact with pets, children or food. When leaves dry, plants can be returned to original position. If plant removal is not possible, remove or cover exposed foliage with paper or plastic, including stems. Shut off heating systems, air ducts and air conditioning equipment. Avoid spraying plants with a hose.

Use with caution on: African violet, azalea, Reiger begonia, browallia, caenothus, camellia, columnea, cotoneaster, cyclamen, cypress, plumosa fern, gloriole, impatiens, juniper, non-bearing mulberry and quince, oxalis, jade, and primrose. Use with caution on plants listed above, especially carnations, chrysanthemums, gladiolus, petunias, roses, and snapdragons, where there exists a wide variety of species and cultivars and, therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury.

Outdoors: For use around residential, commercial and institutional buildings, hospitals, gardens, greenhouses, yards, patios, mobile homes, campers, boats and swimming pools for controlling household and plant pests listed below.

To kill houseflies, mosquitoes, gnats (midges), deer flies, stable flies, flying moths (millers), fruit flies — Spray resting areas to reduce annoyance from these pests. Follow precautions listed above. Hold container 18 to 24 inches from shrubs, bushes, and grassy areas. Spray these areas with a slow sweeping motion at the rate of from 1 to 3 seconds per cubic yard of space, while moving away from the treated areas. Treat open porches and patios in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area. Repeat as necessary.

Wasps, hornets, yellow jackets, bees — Same as directed above for indoor use. **APPLICATION SHOULD BE MADE LATE IN THE EVENING WHEN INSECTS ARE AT REST.** Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible. Repeat as necessary.

Ants and fleas — same as directed for indoor use.

Crickets, silverfish, earwigs, spiders, sowbugs, centipedes and millipedes — same as directed above for indoor use. **TO PROTECT ORNAMENTAL PLANTS —** Spray directly on insects as directed below to kill: aphids, exposed thrips, whiteflies, leafhoppers, Japanese beetles, plant bugs, spittlebugs, two-spotted mites, red spider mites on:

althia	forsythia	mimosa	pine	also:
white birch	hemlock	non-bearing citrus	pyracantha	mimosa webworm
cypress	holly	and cranberry	rhododendron	on
dogwood	locust	oak	spirea	mimosa
euonymous	maple	palm	spruce	
		viburnum	toyon	

To kill army worms, budworms, leaf beetles, gypsy moths, tussock moths, oakworms, sawflies, tent caterpillars, and weevils on the above plants; also slugs on roses; spider mites on chrysanthemums; cutworms on gladiolus and petunia. To kill aphids, exposed thrips, adult whiteflies, leafhoppers, plant bugs and Japanese beetles on:

African violets	chrysanthemum	fatshedera	ivy	philodendron
ageratum	coleus	geranium	marigold	queen sago
begonia	daisy	honeysuckle	nasturtium	roses
broadleaf acacia	daphne	iris	peony	snapdragon
				tobira
				zinnia

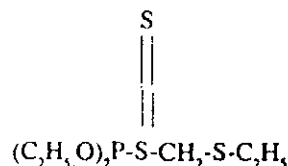
Contact spray directions for above pests: Hold container 18 inches from the infested plants. Spray in short bursts from one to three seconds or spray at the rate of one linear foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. For adult whiteflies and two spotted mites be sure to direct spray to contact these pests. Thoroughly cover the infested area. Use several repeat applications at two-day intervals if necessary.

Use with caution on: African violet, ash azalea, Reiger begonia, browallia, caenothus, camellia, columnea, cotoneaster, cyclamen, cypress, plumosa fern, gloriole, impatiens, juniper, non-bearing mulberry, flowering quince, oxalis, jade, primrose, and rose, including hybrid tea rose. These plants may be subject to leaf or flower burn under certain conditions of use. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and, therefore, a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait

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GENERAL PROPERTIES

CHEMICAL NAME AND STRUCTURES: THIMET[®] soil and systemic insecticide is 0,0-diethyl S-[(ethylthio) methyl] phosphorodithioate represented by the structural formula:



EMPIRICAL FORMULA: C₁₂H₁₈O₂P₂S₃ Mol. Wt. 260.37

COMMON NAME: phorate

CLASS: organophosphate

CHEMICAL AND PHYSICAL PROPERTIES: Technical THIMET[®] soil and systemic insecticide is a clear liquid with a melting point of less than -15°C. The water solubility is quite low, approximately 50 ppm. It is miscible in carbon tetrachloride, alcohols, ethers, and esters. At room temperature technical THIMET is known to be stable for at least two years. It is subject to hydrolysis under all alkaline conditions. The commercial formulations have satisfactory stability.

THIMET COMMERCIAL PRODUCTS: To effectively meet the variety of registered uses for THIMET, 2 formulations are available - a 15G and a 20G. The 15G is formulated in 24/48 mesh size atrapelite-type carrier. They are the following granular formulations for easy calibration of granular equipment now being used by growers.

PHYTOTOXICITY: Injury may occur if THIMET granules are placed in direct contact with the seeds of beans, soybeans, field and sweet corn, grain sorghum and sugar beets.

RESIDUES: The Pesticides Regulation Division, Environmental Protection Agency, has accepted label claims for crops listed in this bulletin. When used as directed, THIMET leaves no harmful residues in these crops.

TOXICITY: THIMET[®] technical and its formulations are poisonous by skin contact, inhalation or swallowing. THIMET formulations have been registered with the Environmental Protection Agency for various insecticidal uses by different methods of application. It is important that you use THIMET formulations only for the specific purposes for which they are registered, and that you read and follow the precautionary instructions on the label before using.

The acute oral and dermal toxicity of THIMET 15G and THIMET 20G are as follows:

	<u>Oral LD₅₀ (rat)</u>	<u>Dermal LD₅₀ (rabbit)</u>
THIMET [®] 15G	27 mg/kg	207 mg/kg
THIMET [®] 20G	5.1 mg/kg	32.5 mg/kg

THIMET 15G is mildly irritating to rabbit skin and eyes, THIMET 20G is irritating to rabbit eyes.

Phorate can be absorbed through ocular exposure and can produce systemic effects. Airborne phorate can be absorbed through the lungs to produce cholinesterase inhibition.

EMERGENCY NUMBER

In case of an emergency endangering life or property involving this product, call collect, day or night
(201) 835-3100

HANDLING AND STORING: DO NOT BREATHE DUST, GET IN EYES, ON SKIN OR ON CLOTHING. Persons handling this product should wear freshly laundered long-sleeved work clothing, a NIOSH approved respirator and cotton or butyl rubber gloves. Cotton gloves should be laundered or discarded after each use. Butyl rubber gloves should be washed with soap and water after each use. Destroy and replace gloves frequently. Wash hands thoroughly before eating, smoking or going to the bathroom. At the end of the work day, a shower should be taken and clothes changed completely. Work clothing should be laundered separately before reuse.

In case of contact, immediately remove contaminated clothing and wash the affected area thoroughly with soap and water. Symptoms of organophosphate poisoning include headache, blurred vision, constricted pupils, weakness, nausea, abdominal cramps, diarrhea and a feeling of heaviness in the chest. Excessive sweating, clammy skin, salivation, and tremors may be present. A physician should be called immediately if all symptoms are of organophosphate poisoning. The phone number for additional assistance or emergency plane number for additional assistance and information is provided.

Organophosphate pesticides should be stored in a well-ventilated area. Never store pesticides adjacent to products intended for human or animal consumption. Do not use or store THIMET[®] in a kitchen.

SPILL AND LEAK PROCEDURES: Restrict traffic in the area of the spill. Individuals performing cleanup and decontamination must wear proper protective equipment which includes; butyl rubber gloves, rubber boots, long sleeved protective coveralls, cap, NIOSH approved respirator and splash goggles.

Cleanup personnel should carefully sweep up spilled material and place into an approved, labeled container (salvage drum). Material should be reworked or disposed of in accordance with Federal (EPA) and State Regulations. Also place broken bags into approved, labeled containers. After cleanup, scrub the affected area thoroughly with a solution of 85% water, 10% bleach (e.g. Clorox) and 5% isopropyl alcohol. Allow the solution to stand for 10-15 minutes. Absorb the solution with an absorbent material such as clay or cat litter and dispose of as outlined above. Thoroughly rinse the affected area with water and repeat the process. At the completion of cleanup and decontamination procedures, the cleanup personnel must shower and change clothes completely. Clothing must be laundered separate from other wash before reuse. Gloves, boots, respirator and goggles must be cleaned and decontaminated.

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CYANAMID
American Cyanamid Company
Agricultural Division
Crop Protection Chemicals Department
Wayne, NJ 07470 (201) 835-3100