

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number:
432-788

Date of Issuance:

06 SEP 1996

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Saga MC

Name and Address of Registrant (include ZIP Code):

AgErvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

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 your product under FIFRA section 4.

2. Make the following label change:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 432-788".
- b. Under Food/Federal Handling Establishment paragraph add: "Not for Use in Federally Inspected Meat and Poultry Plants."
- c. Qualify the site aircraft on front and side panels to indicate cargo areas only, i.e. "Aircraft (cargo areas only)". The cabin area of an aircraft is considered a commercial food area.

Signature of Approving Official:

Date:

EPA Form 8570-6

CONCURRENCES

SYMBOL							
SURNAME	Blackwell						
DATE	9/6/96						

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2. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

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

- | | |
|-----------------------------|--------------------------------|
| dumps | office buildings |
| factories | railcars/boxcars |
| farm areas | restaurants |
| granaries | sanitary sewers/drain lines |
| greenhouses | schools |
| (non-commercial) | ships and vessels |
| grocery stores/supermarkets | stores and institutions |
| horse stables | telephone booths |
| hospitals | theaters |
| hotels/motels | trucks |
| houses | trailers/recreational vehicles |
| industrial buildings | warehouses |
| and installations | |
| laboratories | |
| kennels | |

Treatments may be repeated as necessary to maintain adequate control.

Mixing Instructions:

Saga MC is intended to be mixed with water and applied with hand pressurized or power operated sprayers as a coarse spray. Shake concentrate well before diluting to homogeneously suspend microcaps. When diluting, add water to the spray tank then add the appropriate amount of Saga MC. Thoroughly agitate the sprayer before using and occasionally during use to insure proper suspension of the microcapsules. Re-agitate sprayer before use if spraying is interrupted. If spray screens are used, they should be 50 mesh or larger. Dilute Saga MC insecticide only with water.

Pests	Concentration of Tralomethrin (%w/w)	Dilution Rate Per Gallon of Final Spray
ants, centipedes, clothes moths, cockroaches (maintenance rate) crickets, flies, firebrats, gnats, midges, fleas (contact), mosquitoes, silverfish, spiders	0.02 - 0.03%	2/3 to 1 oz. (4 to 6 tsp.)
bees, carpet beetles, cockroaches (clean out rate), fleas, hornets, killer bees, pillbugs, scorpions, sowbugs, ticks, yellowjackets, wasps	0.04 - 0.06%	1-1/3 to 2 oz. (~3 to 4 tbsp.)
termites (Formosan & Eastern subterranean - localized control only)	0.04 - 0.06%	see above
carpenter ants (localized control only)	0.04 - 0.06%	see above

GENERAL PEST CONTROL INDOORS

Treat specific areas that insects inhabit or where they are frequently found. Apply diluted Saga MC in enough water to adequately cover 1000 square feet without allowing dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, apply the higher rate of Saga MC in enough water to adequately cover 1000 square feet without allowing dripping or run-off to occur. To insure consistent acceptable control of the target pest, proper sanitation and prevention of reinfestation are recommended.

Food/Feed Handling Establishments:

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas when food is exposed or when the facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held.

In the home, cover all food handling surfaces and cover or remove all food and cooking utensils, or wash thoroughly after treatment.

Nonfood/Nonfeed Areas: Saga MC may be applied as a general, spot or crack and crevice treatment in nonfood/nonfeed areas. Examples of nonfood/nonfeed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

Pantry Pest Control: To kill adult and accessible stages of insect pests such as *lesser grain borers, grain weevils, flour beetles, saw-toothed grain beetles, cigarette beetles, merchant grain beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites and spider mites*. Make application to cupboards, shelving and storage areas. Remove all food stuffs, all utensils, shelf paper and other objects before spraying. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing food stuffs, utensils or other items. Any food stuff accidentally contaminated with any spray solution should be discarded.

Premise Pest Control: *Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Clothes Moths, Pillbugs, Sowbugs, Scorpions and Spiders:* Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests normally inhabit. Pay particular attention to dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards;

beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations, doors, windows and in attics and crawl spaces. Applications may be made to floor surfaces along baseboards and around air ducts.

Ants: Apply to trails, around doors and windows and other areas where ants inhabit or enter premises.

Fleas: A total management program is recommended. It is suggested that infested areas be thoroughly vacuumed prior to treatment. These areas include all carpet, upholstered furniture, baseboards and other indoor areas frequented by pets. The vacuum cleaner bag should be discarded in an outdoor trash container. Pet bedding should be cleaned or replaced.

Apply Saga MC to rugs, carpets, upholstered furniture, pet beds, floor coverings, pet resting areas and other infested habitats. The quantity of finished spray required is dependent upon carpet/fabric density. Provide uniform coverage, apply until infested area is moist.

Effective flea control includes controlling the source of flea infestations. This can require treatment of pets with an EPA approved product registered for such use and treating outside areas frequented by pets. Saga MC can also be applied out-of-doors for flea control. **Do not treat pets with this product.** Do not allow pets to contact treated areas until spray has dried. Remove animal and feed before spraying.

Ticks: Thoroughly apply Saga MC to infested areas, such as pet beds and resting quarters; nearby cracks and crevices; along baseboards, windows and door frames, where these pests may be present. For best results, old bedding should be replaced with clean bedding after treatment. **Do not treat pets with this product.** Do not allow pets to contact treated areas until spray has dried. Remove animals and feed before spraying. Saga MC can also be applied out of doors for tick control.

Termites, Carpenter Ants and Carpenter Bees: (For localized control only). Apply spray dilution to voids or channels in damaged wooden members of a structure, or to cracks, spaces or bearing joints between wooden members of a structure or between such members and the foundations, in locations vulnerable to attack such as crawl spaces. Inspect at 6 months and 1 year to detect any new infestation. Retreat if needed.

The purpose of such applications of Saga MC is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment and to impart a temporary resistance at these places to attack which may aid in the prevention of immediate reinfestation. Such applications are not a substitute for

mechanical alteration, soil treatment or foundation treatment but are merely a supplement.

Do not apply solution until location of heat or air conditioning ducts, vents, water and sewer lines and electrical conduits are known and identified. When located, applications may be made around these structures. However, caution must be taken to avoid contamination of these structural elements and airways.

Aircraft and Vehicle Pest Control: Apply to cracks, crevices and other surfaces where the labeled pests have been seen or may have harborage. Applications may be made to carpet and upholstered surfaces where prolonged human skin contact will not occur. Do not apply when passengers or non-essential personnel are present in area to be treated. Allow spray to dry before re-entry.

Livestock Housing Structures (Including, But Not Limited To, Poultry Houses, Horse Stables and Cattle Barns) and Pet Kennels: For residual control of crawling and flying insects in and around these structures, apply as a general surface and/or a crack and crevice spray. Optimal control results if facilities to be treated are clean and if the exterior perimeter is concurrently treated with Saga MC. Do not apply when animals are present in facility. Allow spray to dry before allowing re-entry of animals. Do not apply to animal feed or watering equipment.

GENERAL PEST CONTROL OUTDOORS

Use Saga MC to control outdoor pests by application as either a perimeter treatment or as a residual spray.

Perimeter Treatments: To help prevent infestation of buildings, apply Saga MC where pests are active and may find entrance. For example, treat a band of soil 6 to 10 feet wide around and adjacent to buildings and treat the building foundation to a height of 2 to 3 feet. Apply as a coarse spray at the rate of 2/3 to 2 fluid ounces of Saga MC in sufficient water to adequately cover 1000 square feet (consult dosage chart). Thoroughly and uniformly wet the barrier area.

Residual Spray: To control *ants, cockroaches, crickets* and *spiders*, apply Saga MC as a coarse low pressure spray to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns (residential only), refuse dumps and garages.

To control *fleas* and *ticks* apply Saga MC as a coarse wet spray to areas where fleas and ticks are most likely to be found, such as, but not limited to, dog houses, kennels, runways, cracks and crevices in sidewalks, paths or patios, under plants, shrubs, trees, or other shaded, moist areas where pests may rest.

Wusps, Hornets, Yellowjackets and Bees:

APPLICATION SHOULD BE MADE LATE IN THE EVENING WHEN INSECTS ARE AT REST. Aim spray at nest opening in ground, bushes, in cracks and crevices and under attic rafters which may harbor nests. Saturate nests and contact as many insects as possible.

Flies, Midges, Gnats and Mosquitoes: (for use as an aid in reducing annoyance from these insects) Spray outside surfaces of doors, screens, window frames, or wherever these insects may enter the room. Also spray surfaces around light fixtures, on porches, in garages and other places where these insects alight or congregate.

Carpenter Ants: To control inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject recommended dilution using appropriate treatment tool with splashback guard. Retreat as necessary. To control tunneling carpenter ants in soil, apply as a drench or inject at intervals of 8 to 12 inches, using 1 quart per linear foot. Establish a uniform barrier at the edge of walls, driveways, or other hard surfaces where ants are tunneling beneath the surfaces. To protect firewood from carpenter ants and termites, treat soil beneath firewood prior to stacking at 1 gallon of diluted product per 8 square feet to prevent infestation.

TANK-MIXING (INDOORS & OUTDOORS)

General: Saga MC can be tank-mixed with pesticides currently registered for similar use patterns, unless the companion product label specifically prohibits such mixing. Tank-mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. Prior to tank-mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture. **When tank-mixing with Saga MC, first add the Saga to the diluent and agitate to thoroughly suspend it in solution, then add the prescribed amount of companion product.**

In Combination with KICKER:

For enhanced flushing and knockdown of *cockroaches*, tank-mix at the rate of 1/4 to 1/2 ounce (equivalent to 1.2 to 1 tablespoon or 7.4 to 14.8 ml) of Kicker per gallon of finished spray and apply as directed above.

For improved control of pyrethroid resistant *German cockroaches*, tank-mix at the rate of 2 to 4 ounces of Kicker per gallon and apply as directed above.

For knockdown of *adult fleas*, tank-mix at the rate of 0.5 to 1 ounce of Kicker per gallon and apply as directed above.

In Combination with Insect Growth Regulators (IGRs):

To extend control of immature stages of *cockroaches* and *fleas*, tank-mix the recommended rate of Saga MC with the correct amount of IGR per finished gallon. Follow all directions for use patterns and spray intervals from the IGR label to achieve maximum benefit.

Note: Do not permit adults, children or pets to contact treated surfaces until spray has dried completely. Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms when occupied by students. Do not use as a space spray. Use in ventilated areas. Do not apply where electrical short circuits could occur. Use a dust or a dry bait in these areas.

Thoroughly wash out sprayer and screen with detergent and warm water before and after use. Do not mix this product with oil. Do not apply this product to edible crops.

STORAGE & 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: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

Containers One Gallon and Smaller: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

Containers Larger than One Gallon: 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. Glass Containers - Triple rinse or equivalent, then dispose of in a sanitary landfill or by other approved State and local procedures.

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

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