



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

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

JUN 17 1991

Mr. David Jones  
Dymon, Inc.  
3401 Kansas Avenue  
Kansas City, KS 66106

Subject: Resmethrin Standard  
Double Action  
EPA Reg. No. 11694-48  
Submissions: March 28, April 4, 1989; January 3, 1990

Dear Mr. Jones:

The labeling referred to above, submitted in connection with Registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

As new labels are printed, make the following changes:

1. In the ingredient statement, change ACTIVE INGREDIENTS to the singular.
2. Revise the net wt. declaration to read - 8 oz (227 gms).
3. Add - Do not use this product in or on electrical equipment due to the possibility of shock hazard - to the PHYSICAL OR CHEMICAL HAZARDS section. You may delete the reference to electrical equipment under DIRECTIONS FOR USE.

The formula dated June 5, 1989 is acceptable and has been included in our files for this pesticide. It is understood that use of methylene chloride in this formulation is no longer consistent with the terms of its registration.

Sincerely,

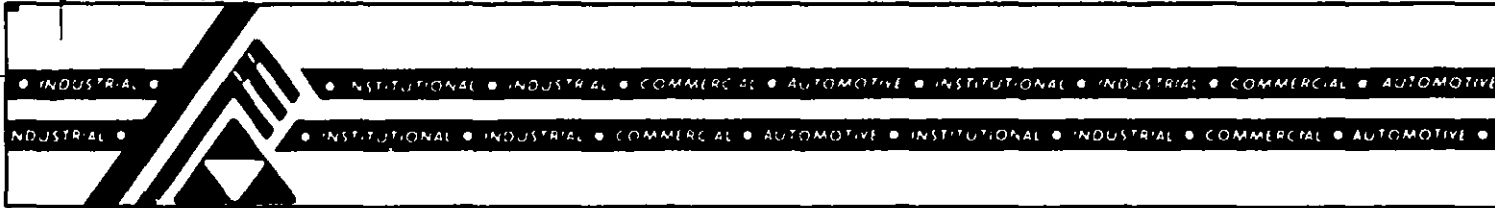
*RFM*  
Richard F. Mountfort  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (H7505C)

S.5466 9-6  
US CAN - EA  
6

BLUE

TOP

374-1489A



# DOUBLE ACTION®

## CONTACT & RESIDUAL INSECTICIDE

FOR USE IN:

INSTITUTIONS • RESTAURANTS  
FOOD PLANTS • INDUSTRY • MOTELS

*singular* ACTIVE INGREDIENTS: *Chemical name*

\*Permethrin;..... 0.35%w/w

INERT INGREDIENTS:..... 99.65%

Total: 100.00%w/w *delete*

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

+U.S. Patent No. 3,465,007

Net Wt. 8 oz. *227* (454 gms.)

KEEP OUT OF REACH OF CHILDREN  
CAUTION

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a poison control center or physician immediately.

If inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If on skin: Wash thoroughly with soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. If skin irritation arises and persists, contact a physician.

If in eyes: Flush with plenty of water for at least 15 minutes. Contact a physician immediately.

CONTENTS UNDER PRESSURE

See side panel for additional precautionary statements.

This product is a dual purpose formulation that can be used as a contact spray against flying insects and as a residual insecticide providing up to 3 to 4 weeks of roach control.

PRECAUTIONARY STATEMENTS  
HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets, birds and aquariums before spraying. Do not use on edible crops. Do not use in edible products or processing plants, restaurants, supermarkets, or other areas while food is being commercially processed. Do not use in serving areas while food is exposed. After treatment in federally inspected and poultry plants, wash facilities and equipment with an effective cleaning compound then potable water rinse.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, potholes). Drift or runoff from treated sites may be hazardous to fish in adjacent waters.

PHYSICAL OR CHEMICAL HAZARDS

✓ Contents under pressure. Do not store near heat, sparks or flame. Do not puncture or incinerate. Exposure to temperatures above 130°F may cause bursting.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Areas of Use: In non-food areas of food handling establishments, commercial, industrial, institution and storage buildings, hotels, ship cabins and hostels (patients should be removed). Also for use in buses, automobiles and non-food areas of trucks, boxcars and holds. Do not use on electrical equipment or on surfaces that can be harmed or stained by use indoors in barns and stables (not for application if horses will be used for food).

General Instructions: Shake well before each use. Aim spray opening away from face. Purge spray. For indoor use only. Spray directly on insects when possible. Repeat as necessary. Contact Spray: (kills roaches, earwigs, grain mites, sowbugs, spiders, wasps, and centipedes) directly into cracks, crevices, moist areas, opening around pipes, under sinks and major appliance storage areas.

Space Spray: (kills houseflies, mosquitoes and gnats): close all doors and windows. Point nozzle directing the spray mist to all parts of the room. Fill the room with mist, then leave the treated room closed for at least 15 minutes. Ventilate the room thoroughly after treatment is complete.

Residual Spray: (kills ants, roaches, earwigs, grain mites, sowbugs, spiders, and centipedes) baseboards, cracks, crevices, door and window frames, closets, under appliances, sinks and in basements, also spray lower walls, corners and dark places. Spray at the rate of 3 to 4 seconds per foot at a distance of 12 to 24 inches from the surface.

Wasps: Apply in late evening when insects are at rest. Spray liberally into hiding and breeding areas.

Ants: Apply to ant trails and sites where ants may enter.

STORAGE AND DISPOSAL

✓ Storage: Contents under pressure. Do not store near heat, sparks or flame. Do not puncture container. Exposure to temperatures above 130°F may cause bursting. Do not expose to moisture.

✓ Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. It is the responsibility of the user to dispose of any excess pesticide according to label instructions, contact your State Pesticide Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

✓ Container Disposal: Replace cap and discard containers in trash. Do not incinerate or puncture. General: Consult federal, state or local disposal authorities for approved alternative procedures. EPA Reg. No. 11194-46 EPA Est. 11194-KS-1

MANUFACTURED BY

Dymon, Inc.

3401 KANSAS AVENUE  
KANSAS CITY, KANSAS 64106  
(913) 321-5537

Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under EPA Reg. No. 1694-48

ACCEPTED WITH COMMENTS  
JUN 17 1991  
In EPA Letter Dated

211 X 604 ACB WIMA

BEST AVAILABLE COPY

DEC 13 1991

David Jones  
Dymon, Inc.  
3401 Kansas Avenue  
Kansas City, KS 66106

Dear Mr. Jones:

Subject: Formula change  
Double Action Contact and Residual Spray  
EPA Reg. No. 11694-48  
Submission: December 3, 1991

The Confidential Statement of Formula referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

The CSF has been added to your file as a change in formulation. Therefore, the formulation becomes the new basic formula, replacing former versions.

Sincerely,

*RFM*  
Richard F. Mountfort  
Product Manager 10  
Insecticide/Rodenticide Branch  
Registration Division (H7505C)

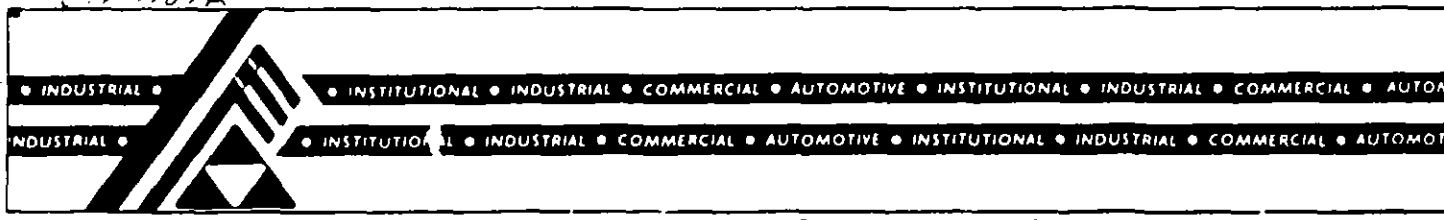
S-5466 9

US CAN -

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TOP

214-1489A



# DOUBLE ACTION®

## CONTACT & RESIDUAL INSECTICIDE

FOR USE IN:  
**INSTITUTIONS • RESTAURANTS  
 FOOD PLANTS • INDUSTRY • MOTELS**

*Singular*

**ACTIVE INGREDIENTS:** *Chemical name*  
 \*Permethrin; ..... 0.35%w/w  
**INERT INGREDIENTS:** ..... 99.65%w/w  
 Total: 100.00%w/w  
 \*Cis/trans isomers ratio: max. 30% (±) cis and min. 70% (±) trans.  
 \*U.S. Patent No. 3,465,007

Net Wt. 8 oz. (454 gms.)

KEEP OUT OF REACH OF CHILDREN  
CAUTION

### STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a poison control center or physician immediately.  
 If inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
 If on skin: Wash thoroughly with soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. If skin irritation arises and persists, contact a physician.  
 If in eye: Flush with plenty of water for at least 15 minutes. Contact a physician immediately.

### CONTENTS UNDER PRESSURE

See side panel for additional precautionary statements.

This product is a dual purpose formulation that can be used as a contact spray against insects and as a residual insecticide providing up to 3 to 4 weeks of roach control.

### HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets, fish, aquariums before spraying. Do not use on edible crops. Do not use in edible processing plants, restaurants, supermarkets, or other areas while food is being comminuted or processed. Do not use in serving areas while food is exposed. After treatment in feed and poultry plants, wash facilities and equipment with an effective cleaning compound and potable water rinse.

### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, potholes). Drift or runoff from treated sites may be hazardous to fish in adjacent water.

### PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not store near heat, sparks or flame. Do not puncture or expose to temperatures above 130°F may cause bursting.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**Area of Use:** In non-food areas of food handling establishments (commercial, institutional and storage buildings, hotels, ship cabins and hospitals (patients should be removed)). Also for use in buses, automobiles and non-food areas of trucks, box trucks, trailers, etc. Do not use on electrical equipment or on surfaces that can be harmed or stained by use indoors in kennels and stables (not for application if horses will be used for food).

**General Instructions:** Shake well before each use. Aim spray opening away from face. For indoor use only. Spray directly on insects when possible. Repeat as necessary. **Contact Spray:** (kills roaches, earwigs, grain mites, sowbugs, spiders, wasps\*, and flies) Apply to cracks, crevices, moist areas, opening around pipes, under sinks and major storage areas.

**Space Spray:** (kills houseflies, mosquitoes and gnats) Close all doors and windows. Directing the spray mist to all parts of the room. Fill the room with mist, then leave the room closed for at least 15 minutes. Ventilate the room thoroughly after treatment is complete. **Residual Spray:** (kills ants\*\*, crickets, earwigs, grain mites, sowbugs, spiders, and beetles) Apply to cracks, crevices, door and window frames, closets, under appliances, etc. In basements, also spray low walls, corners and dark places. Spray at the rate of 3 to 5 gallons per 1000 sq. ft. at a distance of 12 to 20 inches from the surface.

**\*Wasps:** Apply in late evening when insects are at rest. Spray liberally into hiding places. **\*\*Ants:** Apply to ant trails and sites where ants may enter.

### STORAGE AND DISPOSAL

**Storage:** Contents under pressure. Do not store near heat, sparks or flame. Do not puncture container. Exposure to temperatures above 130°F may cause bursting. Do not expose to sunlight.

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. It is the responsibility of the user to dispose of this product in accordance with the label instructions, contact your State or local environmental control agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

**Container Disposal:** Replace cap and discard containers in trash. Do not incinerate. **General:** Consult federal, state or local disposal authorities for approved alternative disposal methods. EPA Reg. No. 11694-48 EPA Est. 11694-KS-1

MANUFACTURED BY

**Dymon, Inc.**

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KANSAS CITY, KANSAS 64111  
(913) 321-5537

1694-48  
 JUN 17 1991  
 ACCESSED  
 IN EPA COMMENTS  
 WITH COMMENTS  
 JUN 17 1991  
 Date of the Federal Register  
 Date of the EPA Letter Dated  
 Date of the EPA Comments  
 Date of the EPA Review  
 Date of the EPA Approval

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