

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

NOTICE OF PESTICIDE:

x Registration
Reregistration

(under FIFRA, as amended

EPA Reg. Number:

Date of Issuance:

SEP 2 8 2000

51036-319

Term of Issuance:

Conditional

Name of Pesticide Product:

Permethrin 3.2 T&O

Name and Address of Registrant (include ZIP Code):

Micro Flo Company P.O. Box 5948 Lakeland, FL 33807

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 labeling changes listed below before you release the product for shipment:
  - a. Add the phase "EPA Registration No. 51036-319".
- b. It has come to our attention that some of the use sites and directions on the subject label meet the criteria for restricted use. Specifically they are directions for use in Christmas Tree and Pine Seed Orchards, conifers (field and container grown), field and container grown nursery stock and application rates on a per acre basis.

Signature	αf	Approving	Official:
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page 2 EPA Reg. No. 51036-319

- c. Delete "Agricultural Use only" on page 9.
- d. Add "applications to agricultural structures and livestock" to the front panel use paragraph.
- e. Under General Application Instructions for agricultural structures add the following statement to the second paragraph "Remove animals prior to treatment.".
- f. If you retain the use in 2(b) above add the following precautions under Ornamental and Lawn uses: "Spray Drift Precautions: All ground application equipment must be properly maintained and calibrated using appropriate carriers. Do not make ground applications during temperature inversions. Make ground applications when wind velocity favors on target product disposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Do not apply by ground equipment within 25 feet of lakes, reservoirs, rivers permanent streams, marshes, or natural ponds, estuaries, and commercial fish farm pods.".
- 3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Enclosure

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# PERMETHRIN 3.2 T&O

An insecticide for use to control insect pests on lawns, ornamental trees and shrubs and around buildings for perimeter insect control including landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

For use by individuals/firms licensed or registered by the state to apply pesticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the pest control regulatory agency of your state prior to use of this product.

# ACTIVE INGREDIENT:

*Per	rmethrin**	 	 	 	 	 	36.8%
INERT	INGREDIENTS***	 	 	 	 	 	63.2%
							100.0%

\*(3-Phenoxyphenyl)methyl (+/-) cis-trans 3-(2,2-dichloroethenyl)-

2,2-dimethyl-cyclopropanecarboxylate

\*\*cis/trans ratio: Max. 55% (+/-) cis and min. 45% (+/-) trans

\*\*\*Contains petroleum distillates

Contains 3.2 pounds permethrin per gallon

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

#### FIRST AID

#### IF INHALED:

- · 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:

- 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.

# 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 the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: This product contains aromatic hydrocarbons which can produce a severe pneumonitis if aspirated, consideration should be given to gastric lavage with an endotracheal tube in place. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

EPA Reg. No. 51036-GRO

EPA Est. No. 51036-GA-001

NET CONTENTS: 1 gallon

ACCEPTED
with COMMENTS
in EPA Letter Dated

**≯**₽ 2 8 2000

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

51036-319

Manufactured By: MICRO FLO COMPANY P.O BOX 772099 MEMPHIS, TN 38117

# PRECAUTIONARY STATEMENTS

# HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

#### CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing or spray mist. Wear long sleeved shirt and long pants, socks and shoes. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

#### **EMERGENCY NUMBERS:**

- Transportation or spill, call CHEMTREC 800-424-9300.
- Human health, call Poison Control Center at 800-900-4044.
- Animal health, call ASPCA at 800-345-4735.

# PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category D on an EPA chemical resistance category selection chart.

Applicators and other handlers who handle this pesticide for any use covered by Worker Protection Standard (CFR Part 170) -- in general, only agricultural-plant uses are covered--must wear:

- 1. Long-sleeved shirt and long pants.
- 2. Chemical-resistant gloves, such as barrier laminate or butyl rubber.
- 3. Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

# ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service. This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

# PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Shake well before using.

# AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this, product that are covered by the Worker Protection Standard. 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 area during application.

Do not enter or allow worker entry to treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- 1. Coveralls over long-sleeved shirt and long pants.
- 2. Chemical-resistant gloves, such as barrier laminate or butyl rubber.
- 3. Shoes plus socks.

# NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses. Do not allow people or pets on treated surfaces until the spray has dried. Do not touch treated surface until dry.

#### STORAGE AND DISPOSAL

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

STORAGE: Store at temperatures above 40F (5C). If separation occurs during storage, and less than entire contents of container are to be used, remix by inverting and shaking the container several times until contents are homogeneous. If crystals have formed, warm to room temperature (70F) (21C) by room heating from 24-48 hours and shake occasionally until crystals dissolve and product appears uniform. Do not use external source of heat for warming container. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, catlitter, or commercial clay or gel absorbents. If dry material, cover to prevent dispersal. Place damaged package in a holding Identify contents. container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of

Federal law. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Plastic Containers---Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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. Do not cut or weld metal containers.

Returnable/Refillable Sealed Container---Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

## CHEMIGATION USE DIRECTIONS

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor;

when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

PERMETHRIN 3.2 T&O insecticide should be applied continuously for the duration of the water application. PERMETHRIN 3.2 T&O should be diluted in sufficient volume to ensure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation generally is not required when a suitable carrier is used.

#### ORNAMENTAL AND LAWN USE

(Including Field and Container Grown Nursery Stock, Greenhouses, Interiorscapes and Plantscapes), Lawns, Trees and Shrubs

General Application Instructions:

PERMETHRIN 3.2 T&O may be used to control insect pests on ornamentals and lawns in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

PERMETHRIN 3.2 T&O is a 3.2 pounds per gallon formulation of the insecticide permethrin. Apply PERMETHRIN 3.2 T&O when insects appear or feeding is noticed. The higher rate should be used as pest populations increase. Repeat the application as necessary to maintain control. PERMETHRIN 3.2 T&O may be applied by ground equipment only. Use sufficient water to obtain full coverage.

Do not apply more than 2.0 lb. a.i./A/year.

PERMETHRIN 3.2 T&O has demonstrated excellent plant safety; however, not all cultivars have been tested. Before treating large numbers of plants of a particular cultivar, treat a few plants and observe prior to full scale application.

RESISTANCE: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use areas. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product,

or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

RECOMMENDED APPLICATION RATES

CROP	PEST	RECOMMENDED RATE	SPECIFIC INSTRUCTIONS
Ornamentals in greenhouse and interiorscapes, in residential	Ants Aphids Bagworm Beet Armyworm	4 to 8 fl. oz. per 100 gals. or	Apply sufficient volume of water to adequately cover foliage.
landscaped areas and landscaped areas around' institutional, public, commercial and industrial building parks, recreational areas and athletic fields. Including field	Birch leafminer Cabbage Looper Cankerworms Citrus Thrips Fungus Gnats Gypsy Moth  Caterpillars Heliothis spp. Japanese Beetles Lace Bug	Broadcast 4 to 8 fl. oz. per acres	Use higher rate for moderate to high infestations.  Direct application to blooms may cause browning of petals.  Marginal leaf burn may occur
and container grown foliage and flowering plants, woody and herbaceous Nonedible ornamentals and non-bearing plants of fruiting species	Leaf Feeding Caterpillars Leafminers Leafhoppers Leafrollers Lygus Bugs Mealybugs Pine Sawflies Plant Bugs Root Weevils (Adult) Tent Caterpillars Webworms Whiteflies Zimmerman Pine Moths	ř	on Salvia, Dieffenbachia and Pteris Fern.
Ornamental Trees	Bark Beetles Borers (including but not limited to Dendroctonus spp., lps spp., Scolytus spp., Ash borer, Bronze Birch Borer, Elm Bark Beetles, Rhododendron borer and Terpentine Beetles	1 to 2 quarts per 100 gallons	Apply to the lower branches and trunk directly prior to adult emergence. Emergence varies according to host tree, environmental conditions and geography of the country. complete heavy uniform coverage of bark on scaffold limbs to the ground level of the trunk is recommended for best

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CROP	PEST	RECOMMENDED RATE	SPECIFIC INSTRUCTIONS
			control.
Conifers (Field and Container Grown), Christmas trees and Pine Seed Orchards*	Nantucket Pine Tip Moth Coneworms* Seed Bugs*	4 to 8 fl. oz. per 100 gals. or Broadcast 4 to 8 fl. oz. per acres	Begin application when adults appear. Repeat applications may be made on 5-7 day intervals as needed.
Lawns, (around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and atheltic fields) and grass nurseries	Chinchbugs Grubs Pill Bugs Sod Webworms  (See also list of pests under Pest Control On Outside Surfaces and Around Buildings)	0.4 to 0.8 fl. oz. per 1000 ft <sup>2</sup>	Apply using sufficient water to provide adequate coverage.

\*To control Coneworm, Seed Bugs--Use PERMETHRIN 3.2 T&O at the following rates:

For high volume sprayers: Use 8 ounces in 100 gallons of water. Apply 5 to 10 gallons of finished spray per tree.

For low volume sprayers: Use 42 ounces in 100 gallons of water. Apply 100 gallons per acre.

To control Webbing Coneworm--make first application within 1 week of female flower closure or peak pollen flight.

To control other coneworms and seed bugs--make first application within 30 days following flower closure.

# PEST CONTROL ON OUTSIDE SURFACES AND BUILDINGS

Apply PERMETHRIN 3.2 T&O using a 0.5% emulsion as a residual spray to outside surfaces of buildings including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, garages, refuse dumps, lawns areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, other residential structures, commercial, industrial and institutional buildings, soil, trunks of woody ornamentals and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

PERIMETER TREATMENT: Apply to a band of soil and vegetation to 10 feet wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 to 3 feet. Use a spray volume of 2 to 10 gallons of emulsion per 1000 square feet.

Higher volumes of water may be needed if mulch or leaf litter is present or foliage is dense. House siding may be treated if pests such as Gypsy moth adults and caterpillars, boxelder bugs, elm leaf beetles, earwigs or silverfish are present.

# APPLICATIONS TO OUTSIDE SURFACES

PESTS	SPECIFIC INSTRUCTIONS				
Ants Ant Mounds¹ Armyworm Fire Ants Bees	Apply as a pinstream, as a fine/coarse, low pressure spray 20 psi or less), as a spot treatment or with a paintbrush. Treat where pests are found or entry points of the structure such as window and door frames and along the foundation.				
Carpenter Bees Bark Beetles' Borers' Boxelder Bugs' Centipedes Cockroaches Asian	Drench Method: Apply 1-2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4 foot diameter circle around the mound. Use the higher volume for mounds larger than 12''. For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day.				
cockroaches Crickets Mole Crickets Earwigs	<sup>2</sup> Boxelder Bugs, Elm Leaf Beetles, Gypsy Moth Caterpillars: Spray tree trunks, building siding or wherever pests congregate, to the point of runoff.				
Elm Leaf Beetles <sup>2</sup> Firebrats	Borers and Bark Beetles: To prevent infestation of trees and woody ornaments, spray the bark to the point of runoff.				
Fleas' Ground Beetles Gypsy Moths (Adults & caterpillars)' Millipedes	*Fleas: Mix 1.6-3.2 oz. of PERMETHRIN 3.2 T&O in 16 to 100 gallons of water and apply to 4000 square feet of lawn. Use the lower rate to knock down existing fleas and the higher rate where faster knockdown or greater residual is desired. For example:				
Scorpions Silverfish Sowbugs Spiders Wasps Ticks'	Lawn         Sq Ft         Oz of product         Gals of Water           Small         2,000         0.8 to 1.6         8 - 50           4,000         1.6 to 3.2         16 - 100           Medium         6,000         2.4 to 4.8         24 - 150           Large         12,000         4.8 to 9.6         48 - 300           1 Acre         44,000         17.0 to 34.0         176 - 1,100				
Carpenter Ants Chinchbugs <sup>4</sup> Pill Bugs Sod Webworms	Lawn should not be longer than 3 inches at the time of application. Repeat application if necessary. Application in combination with compatible surfactants may enhance penetration. Arid climates generally require the higher volumes.				

# APPLICATIONS TO AGRICULTURAL STRUCTURES For Agricultural use only

# General Application Instructions

PERMETHRIN 3.2 T&O can be used for residual pest control in and on buildings and structures used for agricultural purposes, and their immediate surroundings.

PERMETHRIN 3.2 T&O is an emulsifiable concentrate to be diluted with water to 0.1% w/w and applied as an emulsion to control pests in and around agricultural structures. Pests controlled are

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listed in the accompanying tables. PERMETHRIN 3.2 T&O may be applied directly as a space or surface spray to walls and ceiling as a residual surface treatment. When applied as a fog or fine mist direct the spray toward the ceiling and upper corners until the area is filled with mist. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

The use of any residual fly spray should be supplemented with proper manure management and general sanitation to reduce or eliminate fly breeding areas.

AS A SPACE SPRAY - LIVESTOCK PREMISES

FOR APPLICATION IN	TARGET INSECTS	METHOD OF APPLICATIONS	DILUTE	APPLICATION RATE
Dairies, Barns, Stables, Poultry Houses, Swine	Lesser Mealworms Darkling Beetles House Flies Stable Flies and other manure breeding flies	Sprayer	4 fluid ounces to 12.5 gallons of water	1 gallon per 750 square feet of surface
and Livestock Houses	Also aids in the reduction of cockroaches, mosquitoes and spiders	Fog or Mist	1.5 to 2.0 fluid ounces to 1 gallon of water	2 ounces per 1,000 cubic feet of surface

Avoid contamination of feed and water. Do not apply dilutions for premise treatment directly on livestock or poultry.

AS A LIVESTOCK SPRAY

ANIMALS	INSECT	DILUTE & USE	APPLICATION RATE
Lactating and Non-lactating Dairy Cattle and Goats, Beef Cattle and Sheep	Horn Flies only	4 fl. ounces to 50 gallons water (treats 200 head)  0.025% active ingredient(AI)  High pressure spray	1 quart of coarse spray per animal.
	Horn flies Face flies Stable flies House flies Horse flies Deer flies Black flies Eye gnats Mange mites Scabies mites Ticks Lice Sheep keds	4 fl. ounces to 25 gallons water (treats 50-100 head) 0.05% AI High pressure spray	1-2 quart of coarse spray per animal over whole body surface. For mange, scabies, ticks and lice thoroughly wet animal. Repeat application 10-14 days for mites and lice

ANIMALS	INSECT	DILUTE & USE	APPLICATION RATE
	Horn flies Face flies Stable flies Ear ticks Lice	4 fl. ounces to 2 1/2 gallons water (treats 64-80 head) 0.5% AI Low pressure spray (hand pump sprayer)	For fly and lice control, spray midline from face to tailhead to point of runoff (4-5 fl oz) for ear tick control spray directly into each ear (1/2 fl oz each).
	Horn flies Face flies Stable flies	4 fl oz to 10 gallons diesel oil or suitable mineral oil. 0.125% AI Backrubber, self oiler	Keep rubbing device charged. Results improve by daily forced use.
Poultry	Northern fowl mites Lice	1 - 4 fl oz to 3 3/4 gallons water (treats 1500 head) 0.08-0.33% AI	1 gallon of coarse spray per 100 birds paying particular attention to vent area.
Swine (Allow 5 days between last treatment and slaughter)	Lice Mange	High pressure spray  4 fl oz to 25 gallons water (treats 50-100 head)  0.05% AI  Sprayer or dip	Thoroughly wet or dip animals including ears. For mange, spray pen floors, sides and bedding. Repeat at 14 days.
Horses	Horn flies Face flies Stable flies House flies Horse flies Black flies	1/4 fl oz to 1 pint water 0.6257% AI Low pressure spray	1-2 fl oz spray per animal. Spot treat back, face, legs, tail and ears
Mange Scabi Ticks Lice	Eye gnats Mange mites Scabies mites Ticks Lice Fleas	1/4 fl oz to 1 1/4 gallons water 0.0626% AI Dip wash	Thoroughly wet animal to skin with sponge cr rag. Let drip dry
		4 fl oz to 20 gallons water 0.0625% AI Dip (dogs only).	Make sure all areas are soaked to skin. Let dip dry on animals. Do not rinse off.

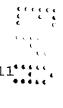
# ATTENTION

Do not apply to pets, crops, or sources of electricity.

Firewood is not to be treated.







Use only in well ventilated areas.

Do not allow spray to contact food, foodstuffs, food contacting surfaces, food utensils or water supplies.

Dealers Should Sell in Original Packages Only

# TERMS OF SALE OR USE

On purchase of this product buyer and user agree to the following conditions:

WARRANTY: MICRO FLO makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

USE OF PRODUCT: MICRO FLO's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.