

Reg # 1431-33

400-17

File

<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i></p>	<p>EPA REGISTRATION NO. 1431-33</p> <p>TERM OF ISSUANCE</p> <p>NAME OF PESTICIDE PRODUCT Milfuso Emulsifiable Daily Spray Concentrate</p>	<p>DATE OF ISSUE NOV 27 1985</p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p><input type="checkbox"/> The Milfred Company 1514 Fifth Avenue Pittsburgh, PA 15219</p> <p><i>166/163,030</i> <i>18/1</i></p>		
<p>NOTE: Changes in labeling formula 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 U.S. EPA registration number.</p>		
<p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this 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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. (c)(1)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit any new 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. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 1431-33." b. Certification of limits - upper and lower limits of each active and individually listed inert component, together with a brief discussion of how these limits were established - by analysis or by calculation. Active ingredients are normally determined by analysis, and inerts by calculation from weightings during the formulation process. Please note the lower limit for the active ingredient must not fall below the label claim. c. pH - provide pH of product; specified water dilution. <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL <i>[Signature]</i></p>	<p>DATE 11-27-85</p>	

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

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

This Concentrate is designed to be diluted with either water or oil before use. The resulting spray solution should be applied using good mechanical or compressed air fogging equipment.

The insecticidal components of this Concentrate, pyrethrins and Piperonyl Butoxide, are classified as food additives, and when used as directed allowable tolerance levels will not be exceeded.

INDOOR APPLICATION: Remove pets, birds, and cover fish aquariums before spraying. Do not contaminate feed or feed-stuffs. Do not remain in treated area. Ventilate the area after treatment is completed.

To control exposed stages of flies, including fruit flies, mosquitoes, gnats and small flying moths, dilute 1 part concentrate in 19 parts water or oil (6 1/2 ounces per gallon or 5 gallons per 100). Close doors and windows and shut off ventilating systems. Apply as a fog or fine mist, directing the spray toward the upper portions of the room and toward windows and other light sources, which attract these insects. Thoroughly fill the area with mist, using 1 to 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. Vacate after treatment and ventilate before re-occupying. Repeat treatment as needed.

For initial clean-out of infestations of cockroaches, ants, spiders, silverfish, crickets, box elder bugs, scorpions and clover mites: dilute 1 part of concentrate in 4 parts water or oil. Apply to 750 square feet. Spray thoroughly all surfaces where these insects are usually found, including walls, base-board moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark corners, drains and similar hiding places. Treat ant trails, nests and runs. When possible, spray insects directly.

Repeat treatment using a dilution of 1 plus 9 at the same rate of application after an interval of one month, or when re-infestation occurs.

IN MILLS, ELEVATORS AND GRANARIES: For rapid initial kill of exposed or accessible stages of granary weevil, rice weevil, confused flour beetle, rust red flour beetle, cadella, saw-toothed grain beetle, spider beetle, cheese mites and grain mites, dilute at a rate of 1 part concentrate to 9 parts water or oil. Clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray, using approximately 1 gallon to 750 square feet of surface.

Infested stored products should be fumigated or treated by other effective methods, using an approved product intended for this use.

In mills, elevators, and granaries, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas, with particular attention to cracks, crevices and similar protected locations. Treat unloading, handling and processing areas, and apply the insecticide to conveying, processing and handling equipment, such as the inside of reel conveyors, purifier conveyors, sifters, roll housings and hoppers, pickup conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment.

Thoroughly treat walls, floors, shelves and other exposed surfaces, and lightly spray each layer of cartons or containers as stacked.

Sack surfaces of bagged grain can be sprayed lightly until slightly moist.

For protection in transit, treat truck beds, box cars and rail cars before loading. Using a dilution of 1 part Concentrate in 9 parts water, apply at a rate of 1 gallon to 750 square feet of surface, with particular attention to cracks, crevices and similar hiding places.

To control exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain: dilute 1 part of Concentrate at a rate of 2 gallons per 1000 square feet (2 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

ON GROWING CROPS: May be used on edible crops (out doors or in greenhouses) up to and including day of harvest. Especially desirable as a clean-up or pre-harvest spray where other materials may not be used, due to residue restrictions. When applied according to accepted use cautions and directions, this Concentrate may be used in combination with other insecticides where resistant insects are a problem, or as an "exciter", where insects are flushed out of hiding and into contact with spray residues.

On the following crops to control the insects named, use 12 to 36 ounces per acre in sufficient water to allow thorough coverage (usually 100 gallons). Coverage of upper and lower leaf surfaces is essential for good control.

ASPARAGUS: Asparagus Beetle

BEANS: Aphids, Leafhoppers, White Fly, Mexican Bean Beetle, 12-spotted Cucumber Beetle

BROCCOLI, CABBAGE, BRUSSELS SPROUTS, CAULIFLOWER: Aphids, Cabbage Looper, Cross-striped Cabbage Worm, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bug

CELERY: Green Peach Aphid, Cabbage Looper, Leaf Thrip

CRANBERRIES: Fireworms, Leafhopper

EGGPLANTS: Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid

LETTUCE: Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae, Imported Cabbageworm

MUSTARD-GREENS, KALE, COLLARDS, TURNIPS: Imported Cabbageworm, Diamondback Caterpillar, Aphids, Cabbage Looper

PEPPERS: Green Peach Aphid

POTATOES: Aphids, Colorado Potato Beetle, Flea Beetle, Leafhopper

RADISH: Aphids, Flea Beetle

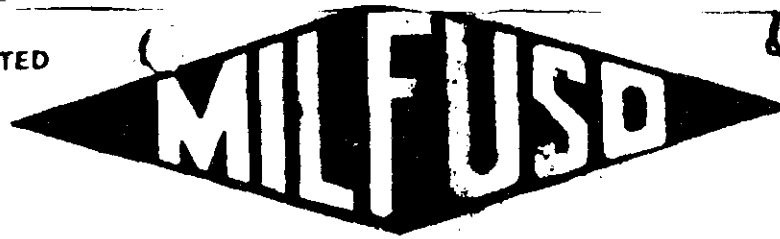
SPINACH: Aphids, Cabbage Looper, Webworm

TOMATOES: Green Peach Aphid, Colorado Potato Beetle, Stink Bug, Flea Beetle

ORNAMENTALS: (African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemum, Dahlias, Dogwood, Geraniums, Gladioli, Marigold, Roses, Rubber Plants, Wandering Jew) Aphids, Flea Beetles, Leafhoppers

(Cont. on right panel)

CONCENTRATED



445
EASY TO USE

SCIENTIFIC

EASY TO USE

Emulsifiable Dairy Spray Concentrate

May be used by diluting with water or oil

For use in Bakeries, Bottling Plants, Canneries, Flour Mills, Food Processing Plants, Grain Elevators, Hospitals, Hotels, Motels, Restaurants, and Outdoors for Mosquito Control and on Growing Crops.

Provides Rapid Kill of Insects Named Without Objectionable Residues.

ACTIVE INGREDIENTS:

Pyrethrins	1.00%
*Piperonyl butoxide, technical	10.00%
Petroleum distillate	79.00%
INERT INGREDIENTS:	10.00%
	<hr/> 100.00%

*Equivalent to 8.0% (butylcarbityl) (6-propylpiperonyl) ether and 2.0% related compounds

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Harmful if swallowed. If swallowed, do not induce vomiting except under the direction of a physician because of aspiration hazard.

The use of this product in food processing plants should be confined to time periods when the plant is not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

If used in edible product areas of federally inspected meat, poultry, shell egg grading and egg product establishments, it must be dispersed as an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30% microns).

When diluting in water, prepare only the amount required for immediate use. Holding a water dilution more than 24 hours is not recommended.

Environmental Hazards

This product is toxic to fish. Do not apply to lakes, streams, ponds, tidal marshes, and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

Mix well in drum before use.

NET CONTENTS ONE GALLON



Manufactured By

THE MILFRED COMPANY

1516 FIFTH AVE. PITTSBURGH, PA. 15219

PHONE (412) 281-8748

EPA REGISTRATION NO. 1431-

EPA ESTABLISHMENT NO. 1431-PA-1

CYDOSPHEIL OR FRUIT FLY CONTROL: Dilute at the rate of 8 parts concentrate with 1200 parts water (6 pints per 150 gallons or 6 tablespoonful with 4 gallons water). Thoroughly mix the emulsion in the spray tank. Make treatments as follows:

1. Apply liberally to tomatoes and fruits in baskets, on trucks and crates. Use sprayers at a high pressure for applying at the rate of 5 or 6 pints of the diluted spray to a two-ton load of tomatoes. Direct the spray for a maximum coverage of the baskets or hampers, it is important to spray between and beneath the containers. This spray not only kills the flies, but the emulsion loosens any dead flies so that they are readily washed from the fruit.
2. Spray the raw stock stacked in the yard.
3. Dip baskets in the diluted spray after dumping the fruit to kill adhering larvae and pupae.
4. After washing and cleaning up the inside of the processing plant and just prior to bringing fruit into it, the entire space inside the cannery should be sprayed at a dilution of 6 parts Concentrate to 59 parts water (6 pints) with 7 gallons 3 pints water or 12 tablespoonful with 3 1/4 pints water, at the rate of 1 gallon to 750 square feet. Direct spray on walls, ceilings, and floors, paying special attention to forcing spray into all cracks and crevices.

ON LIVESTOCK, CATTLE, SHEEP, HORSES, GOATS, HOGS: To control horn flies, house flies, mosquitoes, and gnats, dilute at the rate of 1 part Concentrate to 39 parts water and apply to wet the hair thoroughly, with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations, or as needed when flies are emerging in large numbers.

To control stable flies, horse flies, and deer flies, dilute 1 part Concentrate to 9 parts water and apply a quart per adult animal to wet the hair thoroughly with particular attention on the legs, flanks, barrel, topline, and other body areas commonly attacked by these flies. Repeat treatment each week, or as needed.

To control face flies, dilute 1 part Concentrate to 9 parts water. Use a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face, but not more than 1/2 ounces per animal. Repeat daily as needed.

For effective control of motile stages of biting lice and sucking lice on cattle, horses, sheep, goats and hogs, dilute this Concentrate at a rate of 1 part in 100 parts water. Spray to thoroughly wet the hair of the animal, including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

To control poultry lice using a dilution of 1 to 100 in water, dip birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the fowls, dip them on a warm day, or in a warm building.

For control of bedbugs and mites in poultry houses, dilute 1 part of Concentrate with 9 parts of water and spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide. Repeat as necessary.

To control sheep "tick" or ked, dilute at the rate of 1 part of Concentrate to 100 parts of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to guarantee penetration of the wool. Treat at a rate sufficient to wet the animal.

To kill fleas on horses, cattle, goats and pets, and to obtain protection against re-infestation, dilute at 1 to 9 in water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated. Repeat as necessary.

To control spinose ear tick, dilute at the rate of 1 part Concentrate to 24 parts water and apply by individual treatment, syringing or pouring 1 to 2 ounces into each ear of large animals, or a few drops into ears of dogs.

IN BARN, MILKING PARLORS, MILK ROOMS and STALLS: To control flies, mosquitoes, and gnats, dilute at the rate of 1 part Concentrate to 9 parts of water or oil and apply as a fog or fine mist, directing spray toward the ceiling and upper corners until the area is filled with mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying, and keep them closed for ten to fifteen minutes. Vacate the area and ventilate before re-occupying. Repeat application as necessary.

MOSQUITO CONTROL, OUTDOORS: To control adult mosquitoes, using ground application, dilute 1 part Concentrate in 7 parts of water or oil. Apply as a fine mist or fog. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools and marshy areas may be treated. Application of this product to any body of water is prohibited. Repeat as necessary, usually once or twice a week.

With mobile or truck-mounted equipment, the above application rate will result if a 400-foot swath is treated, traveling at 15 mph, dispensing spray at a rate of 40 gallons per hour.

Application using fixed wing aircraft. Use 6 to 12 ounces of Concentrate in 4 gallons of water per acre.

To control mosquito larvae, dilute in oil at a rate of 1 part Concentrate to 150 parts oil (5 pints in 50 gallons) and apply at a rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to intermittently flooded areas, stagnant water, temporary rain ponds and log pools.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place. Keep container closed.

Pesticide Disposal: Pesticide spray mixture or wash water that cannot be used, according to label instructions, must be disposed of according to applicable Federal, State or local procedures.

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

ACCEPTED
with COMMENTS
In EPA Letter D-84-1

NOV 27 1985

1431-33