

## SYNEROL™ Insecticide

### COMMERCIAL SOLUTION

\* For Use by Pest Control Operators

\* For Indoor Application as a Space Spray, Surface Spray or Contact Spray, Depending on Pests to be Controlled and Area to be Treated. May be Applied Through Mechanical Aerosol Generators(e.g. Actisol) or Thermal Fogging Equipment, as Well as Conventional Fogging or Spraying Equipment.

\* Indoor Use Areas: Bakeries, Beverage Plants, Canneries, Cattle Barns, Flour Mills, Food Handling, Processing and Storage Facilities, Grain Elevators, Granaries, Horse Barns, Homes, Hospitals, Hotels, Industrial Installations, Meat Packing Plants, Motels, Office Buildings, Poultry Houses, Railroad Cars, Restaurants, Retail Food Outlets, Schools, Ships' Holds, Swine Houses, Truck Trailers, Warehouses and Zoos.

\* Please Read Label Carefully and Do Not Discard Until All Product is Used.

GUARANTEE: % by weight

Pyrethrins.....2.5%

Piperonyl Butoxide, Technical....12.5%

REG.NO. 15649

PEST CONTROL PRODUCTS ACT

### READ THE LABEL BEFORE USING

#### NET CONTENTS

Bayer CropScience Inc.\*  
#100, 3131-114<sup>th</sup> Avenue S.E.  
Calgary, Alberta  
T2Z 3X2

Product Information: 1-888-283-6847

\*Bayer Environmental Science  
A Division of Bayer CropScience

#### NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Do not pour or spill near open flame. Remove pets, birds and cover fish aquaria before spraying. DO NOT BREATHE THE SPRAY MIST. Wear a mask or respirator type to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling. Wash all contaminated clothing with soap and hot water before re-use.

Do not apply directly to food. Do not apply space spray while food processing is underway. Foods should be removed or covered before treatment. Thoroughly wash all food processing equipment and food processing surfaces with a suitable cleaning agent before re-use. Rinse with potable water. If washing is impractical, do not allow food to come in contact with treated surfaces for at least 48 hours.

When using in animal quarters, do not apply directly to feed, water or feed supplements. Wash teats of dairy animals before milking.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of garden fish pools, lakes, streams or ponds. Do not apply directly to water and do not contaminate water when cleaning equipment or disposing of surplus spray. Do not apply where run-off is likely to occur or when weather conditions may cause drift from the treated area. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of wastes or cleaning of equipment.

## DIRECTIONS FOR USE

### USE ONLY ACCORDING TO LABEL DIRECTIONS

For use by Pest Control Operators against the following insect pests, either undiluted or diluted, according to the directions given below.

Angomois grain moths	horn	flies
Ants		hornets
Boxelder bugs	horse	flies
cadelles	hou	se flies
cheese mites	Indian	meal moth
cheese skippers	lice	
cigarette beetles	mediterranean	ean flour moth
clover mites	mosq	uitoes
confused flour beetles		red flour beetles
crickets	rice	weevils
dark meal worms	drug	store beetles
deer flies	silverfish	
saw-toothed grain beetles		small flying moths
dried fruit beetles	spid	er beetles
silverfish	stable	flies
earwigs	tobacco	moths
fleas		wasps
fruit flies	yellow	meal worms
german cockroaches		
grain mites		
granary weevils		

## INDOOR USE - UNDILUTED

To control adult accessible stages of

Ants			Flies
Boxelder bugs			Fruit flies
Cheese mites	Ger		man cockroaches
Cheese skippers		H	ornets
Clover mites	Mosq		uitoos
Crickets			Silverfish
Earwigs			Small flying moths
Fleas			Wasps

And the following common stored product pests

Angoumois grain moths	Indian		meal moth
Mediterranean flour moth		Cad	elles
Cigarette beetles	Red		flour beetles
Confused flour beetles	Rice		Weevils
Saw-toothed grain beetles		Dark	mealworms
Drugstore beetles	Spider		beetles
Granary weevils	Toba		cco moths
Grain mites	Yellow		mealworms

The use of this product in food handling or food-processing establishments should be confined to time periods when the plants or facilities are not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during or thoroughly cleaned before reusing.

### SPACE AND CONTACT SPRAY APPLICATIONS:

Close windows and doors and shut off ventilating systems. Use a mechanical aerosol generator or fogger adjusted to deliver aerosol droplets (30 microns or less). Direct the spray first into all cracks and crevices, behind all equipment, cupboards and obstructions to provide maximum penetration of harborage. Then treat as a space spray, directing the spray towards the ceiling and upper corners of the area and behind any obstructions. Apply at a rate of 40 mL per 100 cubic metres of space. Keep area closed for at least one hour. Vacate treated area and ventilate before reoccupying. Repeat treatment as necessary.

### TREATMENT OF STORED FOOD AREAS:

For use in flour mills, granaries, grain elevators and warehouses where food is stored in multi-walled paper or cloth bags. Close windows and doors and shut off ventilating systems. Use a mechanical aerosol generator or fogger adjusted to deliver aerosol droplets (30 microns or less). Apply the Synerol first by directing spray into cracks, crevices and corners, under pallets and around stacks of packaged goods, hitting as many insects as possible. Then apply as a space spray at a rate of 260 mL per 100 cubic metres of room space.

Repeat application as necessary for insect control. Leave the treated area closed for one hour. Do not remain in the treated area and ventilate before re-entry.

INDOOR USE - DILUTED

SPACE AND CONTACT SPRAY APPLICATIONS:

To control accessible stages of:

Flies		Gnats
Small flying moths	Fruit	flies
Mosquitoes		

Using Mechanical Fogging or Spray Equipment: Remove or cover exposed food and food handling surfaces in edible product areas of food handling establishments. Close rooms and shut off all air conditioning or ventilating systems. Mix 140 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply at the rate of 105 - 210 mL per 100 cubic metres filling the room with fog. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs. Do not apply while food processing is underway.

Using Thermal Fogging Equipment: Mix 200 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply at a rate of 105 - 210 mL per 100 cubic metres, filling the room with fog. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before re-occupying. Repeat treatment when re-infestation occurs. Do not apply when food processing is underway.

USE IN LIVESTOCK QUARTERS (cattle barns, horse barns, poultry and swine houses and zoos):

To control:

Fleas		Flies
Gnats	Small	flying moths
Mosquitoes		

Dilute Synerol for use in conventional fogging or spraying equipment. Mix 60 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply at the rate of 210 mL per 100 cubic metres of space above the animal area. Direct spray towards the upper portions of the enclosure, filling it with mist. Keep area closed for at least 15 minutes. Vacate area and ventilate before re-occupying. Repeat treatment if reinfestation occurs.

SURFACE SPRAY APPLICATIONS:

To control accessible stages of:

Ants		Fleas
Boxelder bugs	Germ	an cockroaches
Clover mites	Lice	
Crickets		Silverfish
Drugstore beetles	Spider	beetles
Earwigs		

Mix 140 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply as a coarse droplet spray using approximately 6 litres per 110 square metres of surface. Thoroughly spray walls, floors and other surfaces such as bins and storage and handling areas, being especially careful to treat cracks and crevices. Spray thoroughly around the base of machinery and equipment. Spray insects directly when possible.

For in-transit protection, clean and spray truck beds, boxcars and ships' holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

#### FOR USE ON ANIMALS:

To protect against:

Horn flies	House	flies	Gnats
Fleas	Mosq	uitoes	

Mix 140 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply a light mist, sufficient to wet the tips of the hair on beef and dairy cattle, horses and dogs.

To protect against:

Stable flies	House	flies	Deer	flies
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Mix 140 mL of Synerol with sufficient oil to equal 3 litres of diluted spray. Apply the dilution at 60 mL per adult beef cattle, dairy cattle and horse to sufficiently wet the hair, but not to soak the hide. Repeat this application once or twice daily or as needed to give continued protection.

To control the motile stages of blood sucking lice on beef and dairy cattle, apply the diluted spray to thoroughly wet the hair. Use 60 mL or less and repeat every 2 - 3 weeks as required.

#### STORAGE AND 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.

Do not re-use container. Follow Provincial instructions for any required cleaning of the container prior to its disposal. Make empty container unsuitable for re-use and dispose in accordance with Provincial requirements. For information on the disposal of unused, unwanted product and cleanup of spills, contact the Provincial regulatory agency or the manufacturer.

#### FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre 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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

Synerol is a trademark of Bayer

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