

PM 10 11474-88

1043



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

EPA Reg. Number:
11474-88

Date of Issuance:
7 JUL 1994

Term of Issuance: Conditional

Name of Pesticide Product: Sunbugger
1-5 Insecticide
Concentrate

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Sungro Chemicals, Inc.
P.O. Box 24632
Los Angeles, CA 90024

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. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 11474-88".

3. 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.

Signature of Approving Official:

Marion J. Johnson

Date:

July 7, 1994

SUNBUGGER 1-5 INSECTICIDE CONCENTRATE

For indoor and outdoor applications as a space, area or contact spray. Dependent upon pests to be controlled and the area to be treated, may be applied through Mechanical Aerosol or ULV Generators, Thermal Fogging Equipment as well as conventional fogging or spraying equipment.

INDOOR USE AREAS:

Bakeries	Office Buildings
Beverage Plants	Canneries
Railroad Cars	Homes
Schools	Flour Mills
Food Processing Plants	Supermarkets
Grain Elevators	Warehouses
Hospitals	Ships' Holds
Hotels	Schools
Industrial Installations	Restaurants
Meat packing Plants	Motels
Surfaces of Bags of Stored Food Products	
Storage or Processing Areas of Dried Food Products	

OUTDOOR USE AREAS:

Cattle Barns	Corrals
Drive-in Restaurants	Drive-in Theaters
Feedlots	Golf Courses Parks
Playgrounds	
Recreational Areas	Swine Lots
Urban Areas	Zoos
Poultry Houses	Swine Houses
Dairies	Horse Barns
Walking Pensions	Milk Room

ACTIVE INGREDIENTS

Pyrethrins	1.0
*Piperonyl Butoxide technical	5.0
**Inert ingredients	94.0
Total	100.0

* Equivalent to 4.0% (butylcarbitol) (6-propylpiperonyl) ether and 1.0% related compounds

** Contains Petroleum Distillate

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 11474- EPA Est 11474-CA-1

MFD BY SUNGRO CHEMICALS INC
P.O. BOX 24632 - LOS ANGELES, CA 90024

Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and water before reuse.

Do not apply as a space spray while food processing is underway. Except in federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatments. Food processing surfaces and equipment must be covered during treatment or cleaned with a suitable detergent and rinsed with potable water before reuse.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment wash waters. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with the directions given within.

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 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a Physician or Poison Control Center immediately. Do not induce vomiting unless directed by a Physician. Vomiting may cause aspiration pneumonia.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas of skin with soap and water.

IF IN EYES: Flush eyes with plenty of water. Contact a physician if irritation persists.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by

unprotected persons. Do not enter treated areas without protective clothing until spray have dried. Sunbugger 1-5 Insecticide effectively controls the following insects when the applicator follows the directions for use given below.

Angoumois Grain Moth	Cheese Skippers
Ants	Cigarette Beetles
Boxelder Bug	Clover Mites
Cadellids	Cockroaches (German)
Cheese Mites	Confused Flour Beetles
Crickets	Lice
Dark Mealworms	Mediterranean Flour Moths
Deer Flies	Mosquitoes
Dried Fruit Beetles	Mushroom Flies
Drug Store Beetles	Red Flour Beetles
Earwigs	Rice Weevils
Fruit Flies	Sawtoothed Grain Beetles
Fungus Gnats	Silverfish
Gnats	Small Flying Moths
Grain Mites	Spiders
Granary Weevils	Spider Beetles
Horn Flies	Tobacco Moths
Hornets	Wasps
Horse Flies	Stable Flies
House Flies	Yellow Mealworms
Indian meal Moths	Fleas

INDOOR USE, UNDILUTED

The use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, food processing plants, hospitals, hotels, industrial installations, meat packing plants, restaurants, schools, supermarkets and warehouses) should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before reusing.

SPACE AND CONTACT SPRAY APPLICATION

To control accessible adult stages of:

Flies	Cheese Mites
Mosquitoes	Cheese Skippers
Flying Moths	Boxelder Bugs
Wasps	Ants
Hornets	Earwigs
Clover Mites	Cockroaches
Silverfish	Crickets
Fleas	

and the following common stored product pests:

Granary Weevils	Indian meal Moths
Rice Weevils	Tobacco Moths
Confused Flour Beetles	Dark Mealworms
Spider Beetles	Grain Mites
Cigarette Beetles	Red Flour Beetles
Angoumois Grain Moths	Cadellids
Mediterranean Flour Beetles	Drug Store Beetles

Close
Use a
delive
dian
first
cupbo
maxim
Then
ceiling
obstru
space
treat
treatm
TREA
Foods
wareh
granar
To cor
Angou
Confu
Medite
Sawto
Cheese
Cigare
Grana
Cock

Infect
or tre
produc
Sunbu
cracks
packa
then a
1000
neces
closed
ventila

INDO
SPAC
loggin
To cor
Flies
Fying
Cove
handl
handl
air-co
ounc
oil to
rate o
room
Equip
suffic
at the
filling
minut
reocc
occu
under

to 10 feet away from the beds and directed slightly upwards over them. Circulating fans should be left in operation, but for best results, refrigerators should be turned off in processing. Use at a rate of 1 ounce to 2000 cubic feet of space.

SURFACE SPRAY APPLICATION

To control accessible stages of

Ants	Boxelder
Bugs	
Clover Mites	Drugstore
Beetles	
Earwigs	Lice
Solder Beetles	German
Cockroaches	
Crickets	Silverfish
Fleas	

Mix 13 ounces of insecticide with sufficient oil to equal one gallon of diluted spray. Apply as a coarse droplet spray using approximately one gallon to 750 square feet of space. Spray wall, floors and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible. Application should be repeated in two weeks to kill newly hatched insects (i.e. Lice and Cockroaches).

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.

TREATMENT OF STORED GRAIN

To control accessible adult stages of Indian meal Moths and Angoumois Grain Moths

Apply to the surface of binned grain at a rate of 1 gallon per 1000 square feet. Apply at monthly intervals with the first appearance of moths and continue until early fall. In severe infestations, break up webbing with a rake before spraying and make a second application in two weeks.

TREATMENT OF FLYING INSECTS RESTING IN PLACES

To aid in the control of

Mosquitoes	Gnats
Wasps	Skippers

Treat walls, ceilings, moldings, screens, door

frames, window frames, beams, light cords and similar resting places with the above dilution of Sungro 1-5 Insecticide Concentrate.

OUTDOOR APPLICATION, UNDILUTED

To control Mosquitoes, Gnats and Small Flying Moths

For best results, use truck mounted equipment and apply when there is a light breeze of approximately 5 miles per hour. Spray from the windward side so the fog will be carried across the area to be treated. Treat shrubbery and vegetation where mosquitoes may rest, particularly stagnant pools, marshy areas, shorelines and ponds. However, application of this undiluted product to any body of water is prohibited. Repeat treatment as required.

Disperse the Sungro 1-5 Insecticide at the following rates:

Truck Speed (miles per hour)	Flow Rate (Pounds per acre per minute)
5	12-15
10	24-30

Delivery rates and traveling speeds can be varied slightly so as long as the basic objective of 0.002 to 0.0025 pounds actual dryweight per acre is maintained. Use a swath width of 300 feet for acreage calculations.

FOR TEMPORARY REDUCTION OF ANNOYANCE

From Flies, Gnats, Mosquitoes

In drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas, direct the spray into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while the area is still and avoid wetting foliage. Application should be made prior to use. Repeat as necessary.

In the treatment of corrals, feedlots, swine lots and zoos cover any exposed water drinking fountains and animal feed bins before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the area is still and avoid wetting foliage in zoos. Avoid exposure of pests to the mist of Repeat as necessary.

OUTDOOR APPLICATION, DILUTED

TO CONTROL MOSQUITO LARVAE: Mix 40 ounces of insecticide with sufficient oil to equal 50 gallons of diluted spray. Apply 20 to 25 gallons per acre. Apply as a coarse water spray to the larger or on the shallow water of wetlands, swamps and marshes known to be infested with Mosquito

Larvae

ANIMAL QUARTER USE (Cattle Barns, Horse Barns, Poultry Houses, Swine Houses, Zoos, Milking Parlors, Milkrooms and Dairies) As a space spray diluted for use in conventional mechanical fogging or spraying equipment.

To control Flies, Small Flying Moths, Mosquitoes, Fleas and Gnats

Mix 13 ounces of insecticide with sufficient oil to equal one gallon of diluted spray. Apply at the rate of 2 ounces per 1000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs.

FOR USE ON ANIMALS

To protect against Horn Flies, Mosquitoes, House Flies and Gnats, mix 13 ounces of insecticide with sufficient oil to equal one gallon of diluted spray. Apply light mist sufficient to wet the tips of the hair on beef and dairy cattle, horses and dogs.

To protect against Stable Flies, Deer Flies, Horse Flies, apply the above dilution at 2 ounces per adult beef cattle, dairy cattle and horses to sufficiently wet the hair but not 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 hair. Use 2 ounces or less per animal and repeat every 2 to 3 weeks as required.

ACCEPTED
with COMMENTS
In EPA Letter Dated
7 JUL 1994

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

11474-88