

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 2881-66."

b. Upgrade the storage and disposal statement as per PR Notice 83-3.

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.

Enclosure

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

JOB:51418:RD85-05:Heyward:4/2/85:Del:5/1/85:Kendrick:898-1270:DAA

BEST AVAILABLE COPY

# Lystads

## W. B. PYRETHRUM SPRAY

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel for additional cautions.

ACCEPTED  
with COMMENTS  
to EPA Label Draft

APR 4 1985

A Concentrated PYRENONE® Micro Emulsion

— Clear — Stable — Leave no oily or objectionable residue  
Effective, Fast Acting Insecticide

For use in homes, institutions, restaurants

Food Processing Plants, dairies, livestock and outdoors for mosquito control

For control of fleas and brown dog ticks on premises and on pets

Apply with conventional mechanical or compressed air equipment

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

2881-66

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.1%
*Piperonyl Butoxide, Technical .....	1.0%
INERT INGREDIENTS .....	98.9%
	100%

\*Equivalent to min. 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds.

**NET CONTENTS:**

Distributed by Lystads, Incorporated  
901 University Avenue, Grand Forks, ND 58201

EPA Reg. No. 2881-  
EPA Est.

DEVELOPMENT COPY

## DIRECTIONS FOR USE

**INDOOR APPLICATION:** The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned with potable water before using.

Vacuum treated areas and ventilate before reoccupying.

For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

**SURFACE SPRAYING:** To control cockroaches, palmate bugs, ants, silverfish, spiders, crickets, clover mites, disease mites, granary weevils, rice weevils, condensed flour beetles, rust red flour beetles, spurgebeetle grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadellids. Use a good sprayer adjusted to a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored loads, around the base of machinery, behind shelves and drawers. For silverfish, spray bookcases. For ants, spray trails, nests and points of entry. If surface application only is to be used, spray floors and other surfaces applying a rate of 1 gallon to 750 square feet of surface. To control Indian meal moths and Angoumois Grain Moths in stored grain, apply to the surface of grain at the rate of one gallon per 1000 square feet at monthly intervals at the first appearance of the moths, and continue to early fall. In the case of surface infestation, break up clumping with a rake before spraying and make a second application in two weeks.

To control carpet beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

To control fleas and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed.

To control clothes moths: Remove any infested articles from storage, brush thoroughly and/or for several hours in sunlight, if possible. Apply spray liberally to empty chest, closets, trunks and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining.

**SPACE SPRAYING:** Close doors and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of house flies, fruit flies, gnats, mosquitoes, stink bug, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, less than meal moths, and tobacco moths: Direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of 3-4 ounces per 1000 cubic feet of space.

**FOGGING:** To kill exposed or accessible stages of the above named crawling insects, use a rate of 1 gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly whenever possible.

**ON LIVESTOCK:** To protect cattle and horses from house flies, house flies, mosquitoes and gnats, apply a light mist sufficient to wet the surface of the hair. To control stable flies, house flies and deer flies, apply at a rate of 2 ounces per adult cow or horse, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection. To control blood-sucking flies apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat over 2 to 3 weeks if required.

**ON PETS:** Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitals. Repeat as necessary.

## OUTDOOR APPLICATION

**ADULT MOSQUITO CONTROL:** Apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest (low marshy places, stagnant pools or ponds and shore lines). Apply at a rate of 2.5 pints per acre (8. ounces per 1000 square feet). Using truck-mounted over-the-hill misting equipment such as Rotamist® models 51C, 91 or 100 HT traveling at 5 m.p.h. to treat a 300 foot wide's calibrated equipment to deliver 0.9 gallon per minute.

**ENTRANCE**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

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

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

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to lakes, ponds, streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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

**STORAGE AND DISPOSAL**

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

**Pesticide Disposal —** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

**Container Disposal —** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State or Local procedures.