

PROBAN[®]
CYTHIOATE
ORAL LIQUID, 1.6%

(O,O-dimethyl O-p-sulfamoylphenyl
phosphorothioate)

For the control of fleas on dogs

PROBAN Cythioate contains an organic phosphorus drug and is supplied as a liquid containing 1.6% cythioate and inert ingredients.

Mode of Action and Toxicity

PROBAN Cythioate is a cholinesterase inhibitor. It is rapidly absorbed from the gastrointestinal tract and distributed throughout the body. Fleas are killed by ingesting the drug from the body fluids. Biological data indicate that PROBAN Cythioate is eliminated rapidly.

PROBAN Cythioate has a good margin of safety. Symptoms at ten times the recommended dose are muscular tremor and hyperexcitability. At recommended doses there have been remarkably few side reactions.

INDICATIONS

PROBAN Cythioate is indicated for dogs of all ages (see contraindications).

Fleas — Controlled laboratory tests show a 90-100% kill rate at the recommended dosage. Field tests confirm these results.

Administration and Dosage

The recommended dosage represents an average effective dose. PROBAN Cythioate Oral Liquid, 1.6% — 1 cc. orally for each 10 lbs. of body weight once every third day or twice a week. The liquid, measured by the supplied dispenser, should be applied to the food and mixed thoroughly.

U.S. Patent No. 3,005,002

USDA Reg. No. 241-176

This vial will provide the following weeks of treatment depending on weight of dog:

Weight in lbs.	Dose	Approximate Weeks of Treatment
10	1 cc.	12
20	2 cc.	6
40	4 cc.	3
60	6 cc.	2

Duration of Treatment

The first week of treatment will usually kill more than 95% of the fleas. Additional treatments for several weeks are necessary to remove the fleas that reinfest dogs from their environment.

CONTRAINDICATIONS

Do not use in greyhounds. Available data are not adequate to recommend for this breed which is more sensitive than other breeds to organic phosphate insecticides. Do not use in animals that are sick, pregnant, under stress, or recovering from surgery.

PRECAUTIONS

PROBAN is a cholinesterase inhibitor. Do not use this product simultaneously with other drugs, insecticides, pesticides, or chemicals having cholinesterase inhibiting activity, nor within a few days before or after treatment with any other cholinesterase inhibitors.

Toxic reactions may result from excessive dosage. The symptoms of toxicity are similar to those described for organic phosphate drugs, namely: vomiting, muscular tremor, hyperexcitability, salivation and diarrhea. When toxic signs occur, treatment with PROBAN Cythioate should be discontinued. Atropine is antidotal and is given intramuscularly at 0.1 mg. per lb. of body weight at 15 to 30 minute intervals depending on the severity of the symptoms.

WARNING: Keep away from children. Avoid prolonged or repeated contact with skin and wash thoroughly after handling. If swallowed by humans, induce vomiting by giving two tablespoons of salt in a glass of water and call a physician immediately.

NOTE TO PHYSICIAN AND VETERINARIAN: This product, upon repeated, prolonged or careless use may cause marked cholinesterase inhibition. Atropine is antidotal.

Product No. 8502

Available as Oral Liquid, 1.6% in 25 cc. (5/6 fl. oz.) bottles

VETERINARY PROFESSIONAL SERVICE DEPARTMENT
AMERICAN CYANAMID COMPANY, PRINCETON, N. J. 08540

3/68

10 lbs. of body weight once every third day or twice a week. The liquid, measured by the supplied dispenser, should be applied to the food and mixed thoroughly.

U.S. Patent No. 3,005,002

USDA Reg. No. 241-176

Available as Oral Liquid, 1.6% in 25 cc. (5/6 fl. oz.) bottles

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3/68

CAUTION: Keep away from children
Harmful to man by skin contact or swallowing;
Avoid prolonged or repeated contact with skin
Wash thoroughly after handling

CAUTIONS

8502-38

Control No.

25 cc. (5/6 fl. oz.)

8502-38 ^R

PROBAN

CYTHIOATE

ORAL LIQUID, 1.6%

For the control of fleas on dogs.

CAUTION: Keep out of reach of children

See back panel for instructions and directions.

CAUTION: Federal law restricts this drug to use only by or on the order of a licensed veterinarian.

AMERICAN CYANAMID COMPANY
PRINCETON, N. J. 08540

Active Ingredient: Cythioate (Cis-1-methyl-1-(4-phenyl-1,3,4-dihydro-2H-pyridazin-2-ylidene)butane-3-thioate) 1.6%

Inert Ingredients 98.4%

USDA Reg. No. 241-176

LIFT HERE

PLEASE THE CIRCULAR

Each cc. contains 15.0 mg. cythioate

NOTE TO PHYSICIAN AND VETERINARIAN:
This product, upon repeated, prolonged or careless use may cause marked cholinesterase inhibition. Atropine is antidotal.

CONTRAINDICATIONS:
Do not use in greyhounds. Available data are not adequate to recommend for this breed which is more sensitive than other breeds to organophosphate insecticides. Do not use in animals that are sick, pregnant, under stress, or recovering from surgery.

U.S. Pat. No. 3,005,002

® Trademark

Control No.

**CAUTION: HARMFUL TO MAN
BY SWALLOWING
KEEP OUT OF REACH OF CHILDREN
DIRECTIONS**

8501-11

D1

25 Tablets



8501 11

PROBAN®
CYTHIOATE

TABLETS 30 $\frac{1}{2}$ gr.

For the control of fleas. Dogs

CAUTION: Keep out of reach of children

CAUTION: Federal law restricts this drug to sale
by or on the order of a licensed veterinarian.

READ THE CIRCULAR

D1

VETERINARY PROFESSIONAL SERVICE DEPARTMENT

AMERICAN CYANAMID COMPANY, PRINCETON, N. J. 08540

Active Ingredient

Cythioate (O,O-dimethyl

O-p-sulfamoylphenyl

phosphorothioate) 10.0%

Inert Ingredients 90.0%

U.S.D.A. Reg. No. 241-190

LIFT HERE