



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

EPA Reg. Number:
2382-145

Date of Issuance:
MAY 21 1997

Term of Issuance: Unconditional

Name of Pesticide Product: KNOCKOUT
Spray Concentrate #1

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

VIRBAC, Inc.
3200 Meacham Blvd.
Fort Worth, Texas 76137

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 unconditionally registered in accordance with FIFRA sec. 3(c)(5).

Make the following changes to the labeling before releasing the product for shipping:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 2382-145".
- b. Change "Prevents Reinfestation for 6 Months" to "Inhibits Reinfestation for 6 Months"
- c. Change "Prevents Reinfestation for 7 Months" to "Prevents Reinfestation for 7 Months"

Signature of Approving Official:

Date:

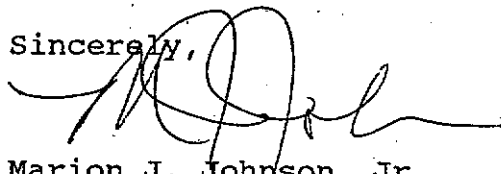
MAY 21 1997

Submit two (2) copies of the revised final printed label before you release the product for shipment.

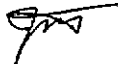
If the final printed labeling is not received prior to shipment of this product, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these requirements.

A stamped copy of the label is enclosed for your records. If you have any questions or comments please contact Joseph Tavano at (703) 305-6411.

Sincerely,



Marion J. Johnson, Jr.
Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (H7505C)



BEST AVAILABLE COPY

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labelling.

KNOCKOUT™ SPRAY CONCENTRATE with Nylar® (pyriproxyfen) *Insect Growth Regulator* breaks the life cycles of fleas and the listed cockroach species (Brown Banded, Asian and German). Even kills fleas before they grow up to bite. Nylar® (pyriproxyfen), a unique ingredient of this flea spray affects only insects and eradicates developing fleas for 210 days (7 months) by preventing their development into the adult biting stage. Protects your home from reinfestation and flea buildup, your pets and family from flea bites. One treatment with this spray gives continuous flea protection for 210 days. Leaves no odor or sticky mess and, used as directed, does not stain furnishings.

PREPARATION: Vacuum carpets, draperies and upholstered furnishings where your pet frequents and dispose of vacuum bag in an outdoor trash receptacle. Dilute the concentrate by adding at the rate, for flea control of 1 ounce and for cockroach control of 2 ounces per gallon of water in a suitable pump compressed air sprayer. Mix thoroughly before each use and do not allow to stand overnight. This concentrate may be combined with an insecticide registered for application to surfaces for control of adult fleas, ticks and cockroaches. Application of the combined mixture should conform to the precautions and use directions for both products.

APPLICATION: Apply to surfaces at the rate of 1 gallon diluted spray per 1500 square feet of surface area. Apply to (and under) carpets, rugs, furniture, cushions and pet sleeping areas in the home and surfaces of kennels, pet houses and beds and runs. Remove animals before spraying and do not allow children or pets to contact treated areas until spray has dried. For cockroach control, in addition to the treatment areas described above, spray into cracks and crevices, under sinks, behind and beneath appliances, cabinets, bookcases, shelves, furniture, garbage receptacles, along the outsides of baseboards, door and window sills and frames and floors, around plumbing, inside cabinets, closets and other storage areas, hitting insects with spray whenever possible. Retreat as necessary. Also use registered Virbac flea and tick control products on your pets in conjunction with this premise treatment to achieve an integrated ectoparasite control program.

Virbac Inc.,
P.O. Box 162059, Fort Worth, TX 76161
Nylar® Registered Trademark of McLaughlin,
Gormley King Company

virbac®

**KNOCKOUT™ SPRAY
CONCENTRATE #1
with Nylar® (Pyriproxyfen)
Insect Growth Regulator**
[Prevents Fleas and Listed
Cockroaches from Developing into
Egg Laying Adults]
[Breaks the Flea Life Cycle by
Killing Pre-adult Fleas - Eggs and
Larvae - for 7 months]
[Prevents Fleas and their Eggs
from Developing into the Biting
Adult Stage]
[One Treatment Prevents
Reinfestation for up to 7 Months]
[One Treatment Breaks the Life
Cycle of the Listed Cockroaches
and Prevents Reinfestation for 6
Months]

ACTIVE INGREDIENTS:
Pyriproxyfen: [2-[1-methyl-2 (phenoxy
phenoxy) ethoxy] pyridine]..... 1.3%
INERT INGREDIENTS..... 98.7%
100.000%

CAUTION

**KEEP OUT OF REACH OF
CHILDREN**

See side panels for additional
precautionary statements and
directions

1 fl. oz. (30 g.)

SOLD ONLY TO VETERINARIANS.

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist.

**STATEMENT OF PRACTICAL
TREATMENT**

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN OR CLOTHING: Wash exposed skin with soap and warm water. Get medical attention if irritation persists. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

STORAGE: Store in closed container in a cool, dry area.

DISPOSAL: Do not reuse empty container. Wrap in several layers of newspaper and discard in trash.

For use indoors in animal quarters (kennels, sleeping quarters, pet beds and runs), veterinary premises, in all enclosed areas in domestic dwellings, around cabinetry, furniture, appliances and plumbing, in vehicles including recreational vehicles and trailers

NOTE: Do not use in food areas or food handling establishments. Do not use in or around electrical equipment. Avoid excessive wetting of carpet, draperies and furniture. Before use, test on an inconspicuous area of fabric and carpeting as some fibers may be adversely affected by application of any liquid product.

EPA Reg. No. 2382- RUL
EPA Est. No. 2382 - IN - I

Lot no. on bottom of container

96/05

ACCEPTED
with COMMENTS
by EPA Senior Staff

MAY 21 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2382-145

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