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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

#83E

MEMORANDUM

Date: January 8, 1981

Subject: EPA Reg. No.: 432-544 SBP-1382 2% Transparent
Emulsion Concentration

Caswell #83E

From: Cheryl A. Peterson *CA*
IRB/TSS

To: Mr. Franklin D.R. Gee
Product Manager

Applicant: S.B. Penick & Co.
a unit of CPC International Inc.
Commercial Development Dept.
215 Watchung Ave.
Orange, NJ 07050

Active Ingredients:

Resmethrin [(5-(phenylmethyl)-3-furanyl)methyl 2,2-
dimethyl-3-(2-methyl-1-propenyl)
cyclopropanecarboxylate].....2.000%w/w
Related Compounds.....0.274%

Inert Ingredients.....97.726%

Background:

This product is an emulsifiable concentrate intended for indoor use against roaches. The company has submitted an application for amended registration involving a proposed change of signal word from "WARNING" to "CAUTION." The "cite-all" method of support is being used, and a primary eye irritation study has been submitted in support of the application.

Recommendations:

- 1. The submitted eye irritation study is acceptable.

2. A recommendation has been made to revise the toxicity category criteria for eye hazard effects in 40 CFR 162.10(h) & subpart H of the Label Development Guidelines. Products would be in toxicity category III by the eye exposure route if test animals showed corneal involvement and/or irritation clearing within 7 days; toxicity category II would be for products not in toxicity category III and in which there is corneal involvement and/or irritation clearing within 21 days. The Agency has not, however, taken final action on this recommendation.
3. When (and if) the Agency accepts this recommendation to revise the eye hazard toxicity category criteria, it will be possible to consider a signal word revision for this product.
4. There is a potential problem. According to the submitted study, there was corneal opacity in 2 subjects until 18 days. This study would place the product in recommended toxicity category II under the revised criteria.

Review:

The following study was conducted by Leberco Laboratories, 123 Hawthorne Street, Roselle Park, NJ 07204 for S.B. Penick & Co. on material identified as 1X4 oz. SBP 1382 2% transparent Emulsion Conc. EPA Reg. No. 432-544 in assay number 910960. It was received by EPA on 2-13-80, and is in Acc. No. 243717.

1. Primary Eye Irritation - Rabbit. Dated: September 24, 1979.

Procedure: 9 albino rabbits (unspecified strain) each received 0.1 ml test material in the right eye. 3/9 had eyes washed after 30 sec. with 20 ml of water. Observations were made on days 1,2,3,4,7,10,12,16,18 & 21.

Results: 6/6 unwashed eyes showed minor corneal opacity with clearing by Day 7 in 4/6, and by Day 18 in 2/6. 6/6 unwashed eyes showed minor conjunctivitis with clearing in 4/6 by Day 7 and clearing in 2/6 by Day 18. 0/3 washed eyes showed corneal opacity. 3/3 washed eyes showed minor conjunctivitis with clearing by Day 3.

Study Classification: Core Minimum Data (strain of rabbits was not specified).

Product Classification: Tox. Cat. II.

DIRECTIONS FOR USE

DILUTION INSTRUCTIONS

For an emulsion containing 0.35% SBP-1382, dilute:

Concentrate Fluid Ounces	1 1/2
To Volume Below With Water	8 fluid ounces
	3
	16 fluid ounces
	6
	32 fluid ounces
	1/2 gallon
	1 gallon

ELL BEFORE USING.

UTIONS FOR CONTACT SPACE AND RESIDUAL SPRAYS

FOR USE: in non-food areas of food handling establishments, commercial, industrial, office, retail, public, institutional and storage buildings, homes, hotels, ship cabins and hospitals. Pets and patients should be removed prior to treatment. Also for use in buses, automobiles, and food areas of trucks, boxcars and ship cargo holds. Do not use on electrical equipment or on surfaces that can be harmed or stained by water. Also for use indoors in dog kennels and horse stalls in horse stables, not for application if horses will be used for food.

CT SPRAY — KILLS AND REDUCES INFESTATIONS: COCKROACHES, CRICKETS, SILVERFISH, ANTS, FLY BEETLES, CENTIPEDES, EARWIGS, FLOUR BEETLES, GRAIN MITES, MILLIPEDES, SOYBEANS, etc. Apply as a contact spray. Fill spray tank with SBP-1382 0.35% Transparent Emulsion formulation. Keep spray nozzle about 8 to 12 inches from surface to be treated. Adjust spray nozzle to deliver a coarse wet spray. When possible, spray directly on pests to reduce irritation. Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings in pipes and sinks, under refrigerators and other appliances, baseboards, and storage areas. Spray until area is moist, but not to the point of run-off. Spray directly on insects where necessary. Repeat as necessary.

To kill ants: Spray trails, nests and points of entry within buildings and homes. Spray on ants possible. Repeat as necessary.

Aids in the control of fleas on dogs and cats, on pet bedding and in horse stalls. Apply to animals along back, under forelegs and on other areas. Part hair to contact skin and good coverage. Hold nozzle about one foot away while spraying. Apply until hair is very moist. Do not directly spray in eyes, or mouth of animal. To reduce reinestation, spray the animals bedding and other resting areas. Treat those areas at the rate of two to three linear feet while spraying at a distance of 12 to 18 inches. Also spray entire inside of dog houses. Repeat as necessary.

L-BEES: Apply as a spot treatment to cracks and crevices around baseboards, doors, baseboards and walls. First, thoroughly clean and air mattresses and springs. Then, treat any areas that may harbor bees, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

AL SPRAY: Aids in the control of: COCKROACHES, CRICKETS, SILVERFISH, ANTS, BEES, EARWIGS, GRAIN MITES, SOYBEANS, SPIDERS. Kills for up to 4 weeks: Spray baseboards, cracks and crevices, around door and window frames, and other hiding places such as in back of and under appliances, sinks and cupboards in kitchens and bathrooms. Insects spray hiding places in cracks and crevices, lower walls and dark places. Apply as a wet spray in a 4 to 5 inch band until area is thoroughly wet but not to the point of run-off, as necessary.

LES, HOUSEFLIES, MOSQUITOES, MOTHS, GNATS: Apply as a space spray. Adjust pressure and to deliver a fine mist spray. Close all doors and windows. Point nozzle upward, direct spray to all parts of the room especially windows and other light sources which attract these insects. Keep the spray nozzle at all times at least four feet from fabrics to avoid wetting or staining. Fill the room with mist at the dosage rate of one fluid ounce per 1,000 cu. ft. of space. Then close treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed and before re-entry.

RS — To control nuisance pests around buildings, patios and paved areas. Apply as a contact spray. Spray directly on insects. Avoid spraying turf or plants.

AD FLEAS: Same as directed for indoor use.

YELLOW JACKETS, HORNETS: Applications should be made in late evening when insects are at their feeding and breeding places, contacting as many insects as possible, as necessary.

ES, EARWIGS, MILLIPEDES, SOYBEANS, SPIDERS: Apply as a contact spray, as for indoor use.

WARRANTY STATEMENT

Recommendations for use of this product are based upon tests believed to be reliable. The use of this product beyond the control of the manufacturer, with no guarantee, expressed or implied, as to the effects of such use or the results to be obtained, if not used in accordance with the instructions on the label. The user assumes all responsibility, including injury to persons or property, for any use of this product not in accordance with the instructions on the label.

SBP-1382® 2% TRANSPARENT EMULSION** CONCENTRATE

A SYNTHETIC PYRETHROID

DUAL ACTION INSECT KILLER
KILLS AS CONTACT AND RESIDUAL SPRAY
KILLS ROACHES UP TO 4 WEEKS.

ACTIVE INGREDIENTS:

resmethrin [1S-(phenylmethyl)-3-(turanylmethyl)-2-(dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)] 2.000% w/w
Related compounds 0.274%

INERT INGREDIENTS: 97.726%
100.000% w/w

Cis/trans isomers ratio: max. 30% (±) cis and min. 70% (±) trans.
U.S. Patent Nos. 3,465,700 and 3,542,928.
Penick's SBP-1382® brand of resmethrin insecticide.
Penick Corp. 1050 Wall Street West, Lynchhurst, N.J. 07071.
*U.S. Patent No. 3,683,078.

Contains 0.17 pounds SBP-1382 per gallon

**KEEP OUT OF REACH OF CHILDREN
WARNING**

HAVE CLEAN WATER SUPPLY AT HAND
IN CASE OF AN EYE EMERGENCY
WHEN DILUTING THIS CONCENTRATE.
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

CAN BE USED IN NON-FOOD AREAS
OF FOOD HANDLING ESTABLISHMENTS

PENICK Penick Corporation

1050 Wall Street West, Lynchhurst, NJ 07071 USA

EPA Reg. No. 432-544 EPA Est. 432-NJ-1

NET CONTENTS
GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Harmful if swallowed. Avoid contact with skin or clothing. Causes eye irritation. Do not get in eyes. Wash after handling. Avoid breathing vapor. Do not spray on humans or pets. Do not spray where food or drink is exposed or being consumed.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water. Cleaning of equipment or disposal of wastes. When used on crops, not wash or flush freshly sprayed surfaces into adjacent waterways.

FIRST AID

If swallowed, induce vomiting by striking finger in back of throat by administration of Syrup of Ipecac. Get medical attention if in eyes, flush with water for 15 minutes and see a physician. For a wash with plenty of soap and water. If irritation develops, get medical attention.

PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.
FLASH POINT: MINIMUM 140°F.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

**REQUIRES CHILD-RESISTANT PACKAGING
IF SOLD FOR HOUSEHOLD USE IN QUANTITIES
LESS THAN 5 GALLONS.**

STORAGE AND DISPOSAL

Store at temperatures above 32°F. Do not reuse empty container. Wrap container and put in trash collection.

Do not use in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed in a home cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces.

CURRENT LABEL:

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