

APR 12 1989

Barbara Keiries  
Conol Kill  
21 N 95<sup>th</sup> Copper Rd.  
Barrington, IL 60010

Subject: Conol Kill Quick-Concentrate H/SPF 1382  
EPA Reg. No. 419-183  
Your letter dated June 1, 1988 requesting a stamped label copy which includes the ULV amendment and a copy of the ULV amendment approval. This submission also included a current label.

Dear Ms. Keiries:

We have no record in your file of the EPA 21, 1988 letter from Franklin Gee concerning the use of ULV machinery. However, the use as described by Mr. Gee is acceptable and the ULV use in the label that you submitted on June 1, 1988 is acceptable.

The labeling which you provided with your June 1, 1988 request, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable if you make the following changes on your next set of printed labels:

1. Place the KEEP OUT OF REACH OF CHILDREN statement above the CAUTION signal word.
2. Add the following statement to the ENVIRONMENTAL HAZARDS portion of the label:  
"Do not contaminate water when disposing of equipment washwaters."

CONCURRENCES

SYMBOL	419-183						
SURNAME	By						
DATE	4-7-89						

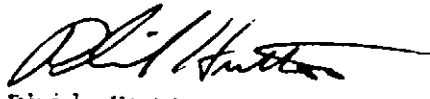
1. Add the following changes in the STATEMENT OF PHYSICAL  
CONDITION portion of the label:  
Change the statement "Expiration may be..." to read:  
"Expiration may cause..."

2. Add the following statement to the first part of the label:  
"If burned, stay out of smoke."

A stamped copy is enclosed for your records.

Submit five (5) copies of your final printed label.

Sincerely yours,



PHIL HUTTON  
PH 17  
Inspector, Product Safety, Fire and  
Registration Division (PH 17)

**PRECAUTIONARY STATEMENTS  
Hazards to Humans &  
Domestic Animals  
CAUTION**

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety or Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing, before reuse.

Do not apply directly to food or feedstuffs. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After spraying in bakeries and other food processing plants, wash all equipment benches, shelving, etc. where exposed food will be handled with an acceptable detergent solution and rinse with potable water. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, and cover fish aquariums before spraying.

**STATEMENT OF PRACTICAL TREATMENT:**

**IF SWALLOWED:** Call a physician or Poison Control Center. Do not induce vomiting. This product contains petroleum solvents. Aspiration may be a hazard.

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

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

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water.

**PHYSICAL OR CHEMICAL HAZARDS**

Extinguish open flame before space spraying. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. FLASH POINT: MINIMUM 150°F (65.5°C)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 12 1989

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

419-183

**Cenol**

**KILL QUICK  
CONCENTRATE**

An Oil Based Insecticide Concentrate With SBP-1382<sup>®</sup> Synthe  
(Contains 0.2 pounds of SBP-1382 per gallon)

FOR INDOOR USE IN ULV, MECHANICAL MISTING SPRAYERS, PUMP SPRAYERS, OR THE  
*Authorized by USDA for use in edible product areas of official establishments operating  
the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Program*  
FOR HOMES, STORES, INSTITUTIONS, RESTAURANTS, FOOD PROCESSING PLANTS, W  
INDUSTRIAL INSTALLATIONS AND HORSE STABLES.

**ACTIVE INGREDIENTS:**

Resmethrin, 1-[5-(phenylmethyl)-3-furanyl] methyl 2, 2-dimethyl-  
3-[2-methyl-propenyl] cyclopropanecarboxylate  
Related Compounds  
Aromatic Petroleum Hydrocarbons  
Petroleum Distillate

**INERT INGREDIENTS:**

\* Cis:trans isomers ratio: max. 33% (±) cis and min. 70% (±) trans  
† U.S. Patent Nos. 3,455,007 and 3,542,928  
• Perick's SBP-1382 - brand of resmethrin insecticide

TOTAL:

**CAUTION  
KEEP OUT OF REACH OF CHILDREN**

See Side Panels for Additional Precautionary Statements

**NET CONTENTS: 1 GALLON**

Manufactured By

**CENOL COMPANY**

E.P.A. Reg. No. 4-9-183

Barrington, IL 60010

E.P.A. E-1

# Cenol

## DIRECTIONS FOR USE

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

### STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal

#### PESTICIDE DISPOSAL:

Pesticide, spray mixture or residue 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:

1. Household (All) — Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash collection.
2. Metal (All Types) — 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.
3. Plastic (All) — Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if permitted by State and local authorities.

### DILUTING INSTRUCTIONS

Dilute to 0.5% SBP 1382 by adding 1 fl. oz. of the 3.0% concentrate to 5 fl. oz. of petroleum distillate  
 Dilute to 0.25% SBP 1382 by adding 1 fl. oz. of the 3.0% concentrate to 11 fl. oz. of petroleum distillate  
 Dilute to 0.20% SBP 1382 by adding 1 fl. oz. of the 3.0% concentrate to 14 fl. oz. of petroleum distillate  
 Dilute to 0.10% SBP 1382 (which would be used for flying insects only) by adding 1 fl. oz. of the 3.0% concentrate to 29 fl. oz. of petroleum distillate

Order Code  
OC 529

**FOR USE IN ULV MECHANICAL AEROSOL GENERATORS SUCH AS THE LECO MINI ULV OR MICRO-GEN.** Apply undiluted at the rate of 0.5 fl. oz. (14.8 ml) of concentrate per 1,000 cu. ft. (28.3 cu. meters) of space. Direct output from aerosol generator upward toward upper corners of room and ceiling. Extinguish all flames in the area to be treated. Shut off all air conditioning or ventilating equipment. Vacate room before application. Leave closed for one hour after spraying. Ventilate room thoroughly before re-entry.

**SPACE SPRAY.** To kill adult and accessible stages of insect pests of stored foods: grain weevils, flour beetles, saw-toothed grain beetles, cigarette beetles, Anthonomus grain moths, grain mites, carpet beetles and spider beetles. Direct output into corners, under pallets, hitting as many insects as possible, and then treat as a space spray upward toward upper corners of room and ceiling.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS AND SMALL FLYING MOTHS.** Treat as a space spray, directed output toward upper corners of room and ceiling.

**CONTACT SPRAY.** Use undiluted to kill cockroaches, silverfish, earwigs, ants, spiders, fleas, crickets, centipedes, sowbugs, millipedes, carpet beetles. Apply the spray as a contact wet spray on all cracks and crevices in woodwork, walls, floors, beneath stoves and under insect harborage, contacting as many insects as possible.

**IN HORSE STABLES.** Not for application. Horses will be used for food.

**FOR MECHANICAL MISTING EQUIPMENT SUCH AS THE MICROSOLO OR CHALLENGER MACHINES.** For most effective results, misting and flying insects operate spraying dispenser adjusted to deliver a fine mist. For flying insects, use either 0.10% or 0.25% SBP 1382.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, AND SMALL FLYING MOTHS.** Close all doors and windows. Point nozzle upward, direct spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room before re-entry. Repeat as necessary.

**TO KILL CRAWLING INSECTS.** Adjust spray to produce large wetting type spray particles and use either 0.25% or 0.50% SBP 1382.

**TO KILL COCKROACHES, EARWIGS, GRAIN MITES, SOWBUGS, SPIDERS, SILVERFISH, CRICKETS, FLEAS, CENTIPEDES AND GRAIN INSECTS.** Adult and accessible stages of confused flour beetles, red flour beetles, saw-toothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Anthonomus grain moths, Indian meal moths, cigarette beetles. Spray thoroughly into dog kennel, animal crates, kennels, insect traps,

openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage. Spray directly on insects where possible. Repeat as necessary.

**TO KILL WASPS AND HORNETS.** Contact application should be made in late evening when insects are at nest. Spray directly into hiding and nest in places, contacting as many insects as possible. Repeat as necessary.

**TO KILL ANTS.** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**THERMAL APPLICATIONS INDOORS.** Use 0.27% SBP 1382 for the control of house flies, mosquitoes and gnats in warehouses, restaurants and industrial institutions. Shut off vent and systems, air ducts, air conditioning equipment and close off room or areas to be treated. Extinguish all flames and pilot lights. Apply as a directed rate of 0.3 fl. oz. (8.9 ml) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct people of thermal applicator toward the upper corners of the room, and along the ceiling. Close all room doors, windows, shutters, etc. Postpone all other activities. Ventilate the area before re-entry.

**THERMAL APPLICATION OUTDOORS.** For flying insects, use a fan from 100 to 200 ft. in diameter. Apply 0.27% SBP 1382 in a downward blowing wind, and direct spray toward the insect harborage. Postpone all other spray area application.

**For thermal application outdoors, use only with the use of a fan and indirect spray. Avoid wind drift.** Apply at the rate of 0.3 fl. oz. of 0.27% SBP 1382 from a fan per acre with a 100 ft. diameter of 10 to 12 mph. Do not use more than 100 ft. diameter fan in wind velocity in excess than three miles per hour. Do not use thermal application when the wind velocity from any direction is greater and ground temperatures are approximately 70°F or more. Under these conditions, the fog will linger in the treated area for a longer time. Apply fog while moving away from treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary.

**AVOID** wetting of asphalt, tile, shingles, rubber and plastic materials. DO NOT saturate carpeting. Do not use or spray during application.

#### WARRANTY STATEMENT

Our recommendations for use of this product are based on tests to be expected to be reliable. The user of this product bears the responsibility of the manufacturer. No guarantee, expressed or implied, is made as to the effects of this product on plants, animals and fish, or on the environment. The manufacturer assumes no liability for damage to property or persons resulting from the use of this product.

Reg No: 419-183

PM-17

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**PRECAUTIONARY STATEMENTS  
Hazards to Humans &  
Domestic Animals  
CAUTION**

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH. See the Institute for Occupational Safety and Health for adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash contaminated clothing with soap and water. Separate contaminated clothing before reuse.

Do not apply directly to food or feed materials. Do not apply to plants, animals, or humans. Do not use in or around homes, schools, hospitals, day care centers, or other places where children, the elderly, or the infirm are present. Do not use in or around food processing plants, food storage areas, or food distribution facilities. Do not use in or around industrial installations and horse stables.

**STATEMENT OF PRACTICAL TREATMENT:**

**IF SWALLOWED:** Do not induce vomiting. Give water to drink. If unconscious, give water by mouth. If conscious, give water by mouth. If vomiting occurs, give water by mouth. If unconscious, give water by mouth. If conscious, give water by mouth.

**ENVIRONMENTAL HAZARDS:**

Do not apply to water bodies. Do not apply to soil. Do not apply to plants. Do not apply to animals. Do not apply to humans.

**PHYSICAL OR CHEMICAL HAZARDS:**

Flammable. Irritant. Corrosive. Toxic. Do not use in or around homes, schools, hospitals, day care centers, or other places where children, the elderly, or the infirm are present. Do not use in or around food processing plants, food storage areas, or food distribution facilities. Do not use in or around industrial installations and horse stables.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 12 1989

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

419-183

**Cenol**

**KILL QUICK  
CONCENTRATE**

An Oil Based Insecticide Concentrate With SBP-1382: Synthetic Pyrethrin

Contains 0.2 pounds of SBP-1382 per gallon.

FOR NEET USE IN: MECHANICAL MISTING SPRAYERS, DUMP SPRAYERS, OR THERMAL SPRAYERS

Authorized by USDA for use in edible product areas of: Meat, Poultry, Shell Egg Grading and Egg Processing Inspection Program

FOR HOMES, STORES, INSTITUTIONS, RESTAURANTS, FOOD PROCESSING PLANTS, WAREHOUSES,  
INDUSTRIAL INSTALLATIONS AND HORSE STABLES

**ACTIVE INGREDIENTS:**

Synthetic Pyrethrin (SBP-1382) 0.2000  
Inert Ingredients 0.8000

**NET CONTENTS:**

1 Gallon (128 fl. oz.)

**CAUTION**

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 1 GALLON

Manufactured by:

**CENOL COMPANY**

Barrington, Illinois



# DIRECTIONS FOR USE

## STORAGE & DISPOSAL

### PESTICIDE DISPOSAL:

### CONTAINER DISPOSAL:

## DILUTING INSTRUCTIONS

**FOR USE IN ULV MECHANICAL AEROSOL GENERATORS SUCH AS THE MICRO MIST OR MICRO GEN. A.** Diluted at the rate of 0.5 fl. oz. per gallon of the concentrate per 1,000 cu. ft. (28.3 cu. meters) of space. Apply about 100 seconds at intervals, upward toward upper corners of room and ceiling. Extinguish all flames in the area to be treated. Shut off all ventilation or ventilating equipment. Wait 15 minutes before application. Have closed for one hour after spraying. Vent the room thoroughly before re-entry.

**SPACE SPRAY.** Take additional dilutable studies of insect pests of stored food. Spray wasps, hornets, bees, sawflies, fireflies, beetles, cigarette beetles, etc. Apply to all parts of the room, including cracks and under furniture. Extinguish all flames and ventilate the room. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS, AND SMALL FLYING MOTHS.** Treat areas around windows and doors with upper corners of room.

**CONTACT SPRAY.** Use for flies, mosquitoes, gnats, and earwigs. Apply to all parts of the room, including cracks and under furniture. Extinguish all flames and ventilate the room. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

**FOR MECHANICAL MISTING EQUIPMENT SUCH AS THE MICRO MIST OR MIST GENERATOR MACHINES.** Dilute at the rate of 0.5 fl. oz. per gallon of the concentrate per 1,000 cu. ft. (28.3 cu. meters) of space. Apply about 100 seconds at intervals, upward toward upper corners of room and ceiling. Extinguish all flames in the area to be treated. Shut off all ventilation or ventilating equipment. Wait 15 minutes before application. Have closed for one hour after spraying. Vent the room thoroughly before re-entry.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, AND SMALL FLYING MOTHS.** Use as a contact spray. Apply to all parts of the room, including cracks and under furniture. Extinguish all flames and ventilate the room. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

**TO KILL CRAWLING INSECTS.** Apply to all parts of the room, including cracks and under furniture. Extinguish all flames and ventilate the room. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

**TO KILL COCKROACHES, EARWIGS, CHAIN MITES, SPIDERS, SILVERFISH, TICKETS, FLEAS, CENTIPEDS, AND GRAIN INSECTS.** Apply to all parts of the room, including cracks and under furniture. Extinguish all flames and ventilate the room. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage. Spray directly on insects where possible. Repeat as necessary.

**TO KILL WASPS AND HORNETS:** Contact application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible. Repeat as necessary.

**TO KILL ANTS:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**THERMAL APPLICATIONS INDOORS:** Use 0.0096 SBP-1382 for the control of house flies, mosquitoes and gnats in warehouses, restaurants and industrial institutions. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or areas to be treated. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1/3 fl. oz. (39.3 cu. cm) per 1,000 cu. ft. (28.3 cu. meters) of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one half hour. Do not remain in treated areas until the area of re-entry.

**THERMAL APPLICATION OUTDOORS:** For reduction in annoyance from flies, mosquitoes and gnats in yards, patios, lawns and swimming pools. Use in areas near patios, driveways and horse stables, and other small areas of application.

For thermal application at least five feet from any object, especially plants and shrubs. Avoid wetting of foliage. Apply at the rate of 3/4 gallons of the 0.0096 SBP-1382 formulation per acre which is the equivalent of 1 1/2 oz. (42.3 cu. cm) per 1,000 sq. ft. only when there is no breeze or the wind velocity is less than three miles per hour. The ideal time is generally at dusk when the wind dies down and the air temperature and ground temperatures are approximately the same. Under these conditions, the fog will linger in the treated area for a longer time. Apply fog while moving away from treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary.

**AVOID wetting of asphalt, shingles, rubber and plastic materials. DO NOT saturate carpeting, furniture or draperies during application.**

### WARRANTY STATEMENT

Our 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 is not guaranteed. The effects of such use are not expressed or implied as made as to the effects of such use. The results to be obtained should be used in accordance with the label's pre-established safe practice. The buyer must assume all responsibility for insect damage, resulting from its misuse as such, or its combination with other materials.