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10827-80

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

CAUTION

**HARMFUL BY SWALLOWING,
INHALATION OR SKIN CONTACT**

Avoid breathing spray mist • Avoid contact with skin • Wash thoroughly after handling • Change contaminated clothing • Do not contaminate food or feed products

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Avoid direct applications to lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity. Further protective information may be obtained from your Cooperative Agricultural Extension Service. Apply this product only as specified on this label.

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DIRECTIONS FOR USE

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

Undiluted spray droplets of ULV Concentrate insecticide will permanently damage automobile paint. If accidental exposure does occur, the vehicle should be washed immediately.

STORAGE AND DISPOSAL

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

STORAGE: Do not use or store near heat or open flame. Keep container tightly closed. Use caution while opening. Wear face mask or goggles. If container is leaking or a spill has occurred, pick up with absorbent material, wash down with water and decontaminate area and equipment with a solution of alkali and detergent. Dispose of absorbent in accordance with state and local procedures.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA

IND-SOL ULV

CONCENTRATE INSECTICIDE

MOSQUITO CONTROL IN POPULATED AND RURAL AREAS

IMPORTANT NOTICE

TO BE APPLIED ONLY BY TRAINED PERSONNEL OF PUBLIC HEALTH ORGANIZATIONS, MOSQUITO ABATEMENT DISTRICTS OR PEST CONTROL OPERATORS

Active Ingredient: Malathion** 91.0%

Inert Ingredients 9.0%

Total 100.0%

**O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate
(One gallon contains 9.33 pounds of malathion)

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Call a physician.

IF ON SKIN: Wash with plenty of soap and water. Call a physician.

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

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

GROUND APPLICATION

THERMAL AEROSOLS OR FOGS

For control of adult mosquitoes with thermal aerosols or fogs, apply IND-SOL ULV at the rate of 6-8 oz. actual/gal. (3.9-5.2 gallons IND-SOL ULV in 100 gallons finished solution) by ground equipment delivering 40 gallons per hour at a vehicle speed of 5 miles per hour to treat a swath width of 300-400 feet.

There is a great variation on the chemical composition of fuel oils which may be used as thermal fog solvents. These differences may cause sludge and/or affect the solubility of the Malathion. For more complete details see your product dealer.

NONTHERMAL AEROSOLS

Over a 300 feet swath can be produced using the nonthermal ultra low volume aerosol method with IND-SOL ULV.

USE THE FOLLOWING RATES AT THE INDICATED VEHICLE SPEEDS

Vehicle Speed Miles per Hour	Flow Rate of MALATHION Fluid Ounces per Minute	Maximum flow Rate per Hour
5	1.0 to 2.1 fluid ounces	1 gallon
10	2.0 to 4.3 fluid ounces	2 gallons
15	3.0 to 6.45 fluid ounces	3 gallons
20	4.0 to 8.6 fluid ounces	4 gallons

For control of adult stable fly in populated and rural areas with nonthermal aerosols of IND-SOL ULV using the ultra low volume method, use the following flow rates at the indicated vehicle speeds.

Vehicle Speed Miles per Hour	Flow Rate of MALATHION Fluid Ounces per Minute	Maximum flow Rate per Hour
5	2.1 fluid ounces	1 gallon
10	4.3 fluid ounces	2 gallons

DROPLET SIZE

- The Mass Median Diameter (MMD) of the droplets should not exceed 17 microns. The MMD is the drop diameter which divides the spray volume into two equal parts, i.e. 50% of the volume is in the drop sizes below the MMD and 50% is above the MMD.
- Spray droplets should not exceed 32 microns in size. Three percent of the spray droplets (6 droplets out of 200) can exceed 32 microns providing the MMD does not exceed 17 microns and no droplets exceed a maximum of 48 microns. Larger droplets, when transported by natural air currents, impinge more readily on the windshield and will permanently damage automobile-type paints.
- More than one-half of the total spray mass must consist of droplets in the 6 to 18 micron range to achieve adequate dispersal of insecticide over a 300-foot swath.
- A minimum of two-thirds, preferably two-thirds of the total spray mass must consist of droplets not exceeding 24-microns in range.

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3. More than one-half of the total spray mass must consist of droplets in the 6 to 18 micron range to achieve adequate dispersal of insecticide over a 300-foot swath.
4. A minimum of two-thirds, preferably four-fifths of the total spray mass must consist of droplets not exceeding 24 microns in range.

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- FLOW RATE**
 - must be regulated by accurate flow meter.
 - not greater than 1 gallon per hour at 5 mph, 2 gallons per hour at 10 mph, 3 gallons per hour at 15 mph or 4 gallons per hour at 20 mph.
- NOZZLE DIRECTION**
 - rear of the vehicle.
 - toward at an angle of 45 degrees or more.
- VEHICLE SPEED**
 - not greater than 20 miles per hour.
 - shut off spray equipment when vehicle is stopped.
- IMPORTANT**
 - Spray droplets of undiluted IND-SOL ULV will permanently damage automobile paint unless all the conditions described and recommended are met.

WARRANTY STATEMENT

Industrial Solvents makes no warranty of merchantability, fitness for any purpose, or otherwise, express or implied, concerning this product or its use, which extend beyond the statements on this label.

EPA REG. NO. 10827-
EPA Est. No. 10827-TX-1

NET CONTENTS

GALLONS

ACCEPTED

MAR 08 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for this pesticide registered under EPA Reg. No. 10827-20

DURED BY

INDUSTRIAL SOLVENTS

SPECIALTIES, INC. • SAN MARCOS, TEXAS



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