

# STRIKE®

Professional Midge Control

PREVENTS THE EMERGENCE OF ADULT FILTER FLIES AND MIDGES  
KEEPS INFESTATIONS UNDER CONTROL

## SPECIMEN LABEL

<b>ACTIVE INGREDIENT:</b>	
(S)-Methoprene (CAS #65733-16-6) . . . . .	20%
<b>OTHER INGREDIENTS:</b> . . . . .	80%
<b>TOTAL:</b> . . . . .	100%

Formulation contains 1.72 lb/gal (205.2 g/l) active ingredient.

EPA Reg No. 2724-446

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**  
SEE ADDITIONAL PRECAUTIONARY STATEMENTS

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

<b>FIRST AID</b>	
Call a poison control center or doctor immediately for treatment advice.	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters.

### INTRODUCTION

**STRIKE® Professional Midge Control (STRIKE®)** is a unique product that controls filter flies (*Psychoda* spp.), midges (*Chironomidae*), and other nuisance aquatic insect species infesting waste water treatment facilities. **STRIKE®** contains an insect growth regulator (IGR) that is effective on the developing stages of insect pests. **STRIKE®** does not kill adults but affects the larval stages as they grow and develop. **STRIKE®** stops the formation of pupa of insect pests, thereby eliminating adult populations. **STRIKE®** stops the cycle of reproduction, keeping pest infestations under control. Continued use of the product prevents these pests from rebounding into unmanageable infestations.

### DIRECTIONS FOR USE

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

### MIXING AND HANDLING INSTRUCTIONS

1. **SHAKE WELL BEFORE USING.** **STRIKE®** may separate on standing and must be thoroughly agitated prior to dilution.
2. Do not mix with oil; use clean equipment.
3. Partially fill spray container with water; then add the labeled amount of **STRIKE®**, agitate, and complete filling. Mild agitation during application is desirable. Accomplish agitation by use of recirculation pump, mixer, air pump, or other suitable equipment.
4. Use spray solution within 48 hours; always agitate before spraying.

## APPLICATIONS

### WASTE WATER TREATMENT FACILITY PESTS

Use **STRIKE**<sup>®</sup> in trickling filters, sludge drying beds, clarifiers, holding ponds, lagoons, influent structures, stagnant or standing water, or other areas of waste water treatment facilities where midges, filter flies, and other nuisance aquatic insect pests are a problem.

### WHAT TO EXPECT IN WASTE WATER TREATMENT FACILITIES

#### CONTINUOUS FLOW SEWAGE (WASTE WATER)

In order to achieve effective results, **STRIKE**<sup>®</sup> must be applied on a daily basis for at least 2 weeks. Failure to apply the material on a daily basis during the treatment phase may result in erratic results. Following initial applications of **STRIKE**<sup>®</sup>, a gradual reduction in the number of adult pests will be seen over approximately a 1 week period. Reduction in adult populations will be very noticeable within a 2 week period following continuous application. Due to varying conditions or heavy infestations, the period to expect control may be longer. Since the mode of action of **STRIKE**<sup>®</sup> is to prevent adult emergence, existing adults and pupae present at the time of initial application will complete their life cycle.

If application of **STRIKE**<sup>®</sup> is halted following population suppression, rebound of the population can be expected within 2 to 3 weeks after stopping application. For continuous suppression throughout the pest season, continue application of **STRIKE**<sup>®</sup>.

#### SLUDGE OR SOLID WASTE APPLICATIONS

For solid waste applications, use 5 ounces per million gallons of sludge or solids. Apply the dilution until the drying beds have been filled. Following filling of the drying beds, the application of the dilution may be halted. Make applications of the dilution at the influent side as the sludge or solids enter into the drying beds. Application of **STRIKE**<sup>®</sup> to solids will prevent the emergence of adult insect pests thereby keeping infestations under control.

## METHODS OF APPLICATION

### WASTE WATER TREATMENT FACILITIES

Dilute **STRIKE**<sup>®</sup> with water prior to use. Make application of **STRIKE**<sup>®</sup> by use of a metering pump, drip bucket, or other suitable equipment. Metering pumps are the most efficient and accurate method of application. Appropriate dilution of product will be influenced by the method of application. Prepare the desired volume of dilution to apply over a 6-8 hour period, or in cases of sludge beds, applied until the beds have been filled. When using delivery devices, it is important to calibrate the device to deliver the required amount of **STRIKE**<sup>®</sup> over a 6-8 hour period.

## APPLICATION RATE

### WASTE WATER TREATMENT PESTS

**Application** - 5 ounces of **STRIKE**<sup>®</sup> per 1 million gallons of sewage (waste water) in sufficient water to uniformly apply at the influent side.

### APPLICATION TO WASTE WATER – TRICKLING FILTER

Apply 5 ounces **STRIKE**<sup>®</sup> per 1 million gallons of sewage [waste water] in sufficient water to

uniformly apply the material. Make applications at times of low periods of flow (typically evening through early morning hours) for 6-8 hours. Discontinue treatment during peak flow periods and repeat applications the following day during the low flow period. Continue this application method for 7 to 10 days or until suppression of pests is achieved. Repeat applications every 15 days or as necessary to control pests.

## APPLICATION SITES

### WASTE WATER TREATMENT FACILITIES

Make applications of **STRIKE**<sup>®</sup> to sewage as it flows into trickling filters, sludge drying beds, clarifiers, holding ponds, lagoons, influent structures, stagnant or standing water, or other areas of waste water facilities where pests are a problem.

Make applications of **STRIKE**<sup>®</sup> as the sewage enters (influent areas) the targeted processing area. Failure to add the material at the influent side may result in erratic results.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool place away from other pesticides, food, and feed. In case of leakage or spill, soak up with sand or another absorbent material.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## WARRANTY AND CONDITIONS OF SALE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information, call 1-800-248-7763.

[www.strikeproducts.com](http://www.strikeproducts.com)

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