



# STRIKE®



# STRIKE BACK AGAINST MIDGES AND FILTER FLIES

Strike® Products Stop Filter Flies in the Pupal Stage to Offer Lasting Control

Midges and filter flies are a problem at wastewater treatment facilities (particularly those built before 1972), chemical plants, pulp and paper manufacturing facilities, food processing plants, golf courses, parks, resorts, and everywhere water treatment takes place. Strike® products:

- Stop filter fly development at the source
- Produce tangible operational improvements with reduced filter fly loads
- Feature a biorational active ingredient with low application rates
- Offer three formulations to target problem areas

To learn more about Strike® products, contact a Central Life Sciences sales representative, call 1-800-248-7763 or visit [www.StrikeProducts.com](http://www.StrikeProducts.com).



# STRIKE®

## THREE FORMULATIONS TO PROTECT LEGACY WASTEWATER FACILITIES FROM MIDGES AND FILTER FLIES

Midges and filter flies are more than nuisances to wastewater treatment facilities. They can deplete oxygen levels, create floating mats of pupal casings, degrade water quality, clog pipes, and, in extreme cases, transmit pathogens. These infestations pose an even greater risk for legacy facilities built before the Clean Water Act of 1972. Many lack the advanced filtration capabilities of modern plants and are under increased strain from higher flows driven by urban expansion. Together, these conditions create an ideal environment for midge and filter fly populations to grow rapidly if left unchecked.

Strike® products break the life cycle to prevent future generations from developing. All three formulations target midges and filter flies in the pupal stage. This environmentally friendly mode of action allows Strike® products to be added directly into wastewater flow, making application simple, non-intrusive, and compatible with day-to-day operations.

### STRIKE® MIDGE CONTROL

This microencapsulated liquid formulation is capable of controlling midges and filter flies throughout a facility. The active ingredient is protected and time released for the furthest downfield control in wastewater treatment plants. Strike® Midge Control can be added to wastewater flow at a point after sand and grit have been removed from the main channel of flow into the facility, upstream of where midges or filter flies are breeding. The product needs to be introduced far enough ahead for the material to properly mix and distribute in the water, before the primary clarifiers. This technology ensures the active ingredient reaches all breeding sites in need of treatment.

#### Application Rate

Apply Strike® Midge Control at the rate of 5 fluid ounces per million gallons of sewage flow passing the injection point.



### STRIKE® ULTRA PROFESSIONAL MIDGE CONTROL

This water-dilutable emulsifiable concentrate is ideal for treating trickle filters and smaller areas where midges and filter flies are a problem. Being an emulsifiable concentrate, Strike® Ultra Professional Midge Control is great for targeted control. Additionally, the active ingredient is not protected or formulated for time release, making Strike® Ultra Professional Midge Control an economical solution designed for facilities where midge or filter fly breeding is concentrated and contained to a defined area. Strike® Ultra Professional Midge Control makes it easy to control midges or filter flies during low-flow time at your wastewater treatment facility.

#### Application Rate

Apply Strike® Ultra Professional Midge Control at a rate of 3 fluid ounces per million gallons at the influent side where water enters the targeted processing area.



### STRIKE® PELLETS

Strike® Pellets are formulated for extended holding times with a convenient, 30-day release of the active ingredient (S)-methoprene. These specially formulated pellets provide control of midges and filter flies that can be applied via aerial or ground applications to uniformly and completely treat an area. Lagoons and ponds can be treated with a 20-foot band of Strike® Pellets around the perimeter in some cases for sufficient control. It is always best to treat the entire surface area for best results.

#### Application Rate

Apply Strike® Pellets at the rate of 5-10 pounds per acre where wastewater treatment pests are an issue.

