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# Midge Control

*Environmentally Friendly Solutions for Waste Water Treatment Plant Midge Control*



New Zealand  
EPA Approved  
S-methoprene  
Midge Control

## S-methoprene IGR Midge Control

Our secret for getting rid of midge and mosquitoes? Get them while they're young. Unlike other products, which only kill adult flies, S-methoprene targets the larval stages of midge and mosquitoes. S-methoprene is an EPA (ERMA) approved insect growth regulator, or IGR, which mimics the natural biochemicals in an insect's body. Larvae midge and mosquitoes absorb the IGR into their systems, where it disrupts normal development and causes them to remain in the pupal stage, they can't feed and die of starvation. You'll notice a difference in as few as 10 days. SMS NZ BioSecure has been providing S-methoprene and carrying out treatment of waste water treatment plants throughout New Zealand since 2002. Need S-methoprene? Contact Us Today.



We Design and Deliver  
Midge Control Programs  
For  
Waste Water Treatment  
Plants and Ponds

# Midge Control Information

New Zealand Midges (Naonao) are known as Chironomidae or non-biting midges. They are easily distinguished from mosquitoes with no wing scales or proboscis. Whilst non-biting midge can, when in large numbers, become pests and cause considerable nuisance to surrounding residents. They are often associated with lakes and may be commonly referred to as 'Lake Flies'. Midge larvae are aquatic and some NZ species contain haemoglobin and are often referred to as bloodworms.

Larvae are most commonly found in sewage effluent and ornamental ponds including wetlands and storm water collection areas, or other aquatic and semi aquatic habitats such as irrigated pastures. Midge larvae prefer well oxygenated sediment, as sewage treatment plant systems improve the sediment in ponds becomes more suitable for midge larvae. New Zealand BioSecure (NZB) has 10 years experience in midge control throughout New Zealand, we are able to provide ongoing solutions to minimise the nuisance effects of midge populations at highly competitive rates.

Each site is Unique!  
Contact us for Assistance.

Professional and reliable treatment services and supply of S-methoprene.

*S-methoprene is the ideal replacement for Malathion.*

Science based approach with our own Entomology Laboratory

Company wide Quality Management System



NZB uses solid formulations with 21, 30 and 150 day slow release activity. Our staff are very experienced in handling and treating with S-methoprene. We are able to compliment treatment with monitoring traps for indicating the number of emerging adults and general population mass estimates. This information can be used as triggers for treatments before nuisance problems develop.

SMS New Zealand BioSecure  
Approved Handlers and EPA (ERMA)  
S-methoprene "Permission to Use".  
Our programmes are successful because we understand the product and the Insect!



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