

Masterline Kontrol 4-4

What is Masterline Kontrol 4-4?

Answer: It is a 4.6% permethrin / 4.6% piperonyl butoxide low-odor oil formulation that is ready to use. As a non-corrosive, it won't damage cars, trucks or airplanes. Its broad spectrum, superior formulation is clean and clear and provides quick knockdown of most mosquito species as well as other Diptera species such as biting and non-biting midges, black flies and gnats. With no EPA-required water set back, Kontrol 4-4 can be applied Ultra Low Volume (ULV) by air or ground. It can also be applied either as a mist barrier or from a thermal fogger.

Does Masterline Kontrol 4-4 pose a health risk to people, children, or pets?

Answer: No. This product is approved by the Environmental Protection Agency for ground and aerial applications in outdoor residential, recreational, and other areas. Kontrol 4-4 is applied at extremely low dosage rates – approximately less than one ounce per acre. One acre is equivalent to approximately a football field. Low application rates mean very low exposure even if present during the application. However, for added safety it is recommended that children and pets wait indoors while the application take place and the fog dissipates.

Could the chemical in Kontrol 4-4 harm the finish on my car and/or house?

Answer: No. The ingredients in this formulation are not corrosive or staining.

Do I need to cover my fish pond prior to spraying?

Answer: The main ingredients in Kontrol 4-4 are toxic to fish and other aquatic organisms. It is recommended to cover ponds to prevent the deposition of spray droplets in the aquatic environment.

Do horses and livestock need to be sheltered during the application?

Answer: No. Horses and livestock should not be affected by the application of Kontrol 4-4. This product breaks down quickly in the environment and does not bio-accumulate, therefore it will not affect livestock.

How does Kontrol 4-4 affect non-target insects?

Answer: Due to the way in which this pesticide is applied it should not impact beneficial insects. The application takes place at night when mosquitoes are very active and beneficial insects such as bees and butterflies are not active. This product affects only flying insects.

How is Kontrol 4-4 applied?

Answer: It is applied from a truck or trailer-mounted Ultra Low Volume (ULV) sprayer. The equipment produces an extremely fine mist of an average of less than 25 microns in diameter.

Will the application of Kontrol 4-4 eliminate the mosquito population?

Answer: The application of Kontrol 4-4 helps in the control of mosquitoes spreading disease, however, mosquitoes can fly long distances and are not static; therefore, spraying alone is not enough to eliminate them all. Source reduction (elimination of standing water) and habitat disruption (elimination of containers that can hold water and maintain clean and trimmed landscapes to prevent breeding) are just as important. Additionally, spraying to eliminate adult mosquito populations also depend on external factors such as weather conditions (wind speed, humidity, temperature, etc).

For additional information on Masterline Kontrol 4-4 visit:

<http://masterline.com/product-documents>

<https://www.epa.gov/pesticides>