



Wet wipes chemical for insect repellent

# KINOU DF-1

Eucalyptus oil

Deet free

No smell

Insect repellent testing (condition: about 500 Aedes albopictus)



Without treatment

Many mosquitoes are gathering



With treatment

There's no mosquito

<Result> ★ More than 100 bites in a minute.

<Result> ★ 3 trialists, each of them got 0~3 bites in 3 minutes

※ It is a mosquito repellent testing of impregnating fluid that is used in the wet wipes.  
※ more details about the test : please refer to our website. ※ This result must not be used in products for sale.

### Technological image figure

### Explanation

General Eucalyptus oil

KINON DF-1

Although it's well-known that Eucalyptus oil is a potent mosquito repellent, there is a weak point: strong flavor. We use the ingredients in pure form and made it possible to have a powerful effect same as deet and without smell.  
(1) It's possible to be alcohol-free  
(2) Non-sticky  
(3) Basically no smell, but it is also possible to be scented with various flavors.  
(4) Besides wet wipes, our spray has a high performance.  
(5) The adopted product has already passed the patch test.

Ingredients of Smell and etc.  
Ingredients of insect repellent.

Ingredients of insect repellent. (Purely used)

### Excursus

### Example of the adopted products

※ 18-liter drum  
※ Easily reducible with water  
※ With regard to antiseptic, please contact us.  
※ With regard to Non-woven, also please contact us.  
※ Non-disclosure Argument(NDA) will be needed when these products are adopted.  
※ This medicine is a raw material and we don't sale to general consumers.  
※ It is unable to contain a written description of the effect against mosquitoes on the adopted products IN JAPAN.



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