

Continue to absorb & decompose

NANOBEST MEK

Reduce the burden of daily disinfection work

Disinfection
 & Deodorization
Anti-Virus

Photocatalyst Disinfectant Deodorant



NANOBEST
MEK-01s pH6.8
Neutral

Professional deodorant of ammonia odor
 Body odor, pet odor,
 urine, cigarettes

Apatite adsorbs bacteria and odor sources even in places with low light.
 When exposed to light (sunlight, room light), titanium dioxide will
 decompose and remove them.



Professional deodorant of putrid & pipe odor
 Kitchen waste, oil

NANOBEST
MEK-03s pH8.7
Weak Alkaline

Decomposes all organic substances such as coliforms, Legionella, Staphylococcus aureus, Norovirus, MRSA and mold



Nursing facilities
 and hospitals



Restaurants



Hotels and apartments



Gym facilities

No need to wipe,
 lasting effect

Apatite adsorbs bacteria
 and odors at night

Reacts even to LED
 and faint light

Decompose odor
 from the source

Safe and reliable

Titanium dioxide, the main ingredient,
 is used in foods such as white chocolate and
 cosmetics such as toothpaste and lipstick.

This is an enhanced photocatalysis solution that reacts to indoor lights.
 It is safe for children to touch and get on food. It decomposes organic
 substances (bacteria, viruses, odors) in response to light.

Unlike alcohol which evaporates, if titanium dioxide is not being wiped off
 strongly, the effect will last for many days.



* The above results are our own verification, not an official test result



NANOBEST MEK

Effective even in the dark
Disinfection, Deodoration

MEK Series

**Safe, secure and reliable
disinfectant deodorant**

Visible light responsive apatite coated titanium dioxide

**01/03 Prepare for your
application needs**

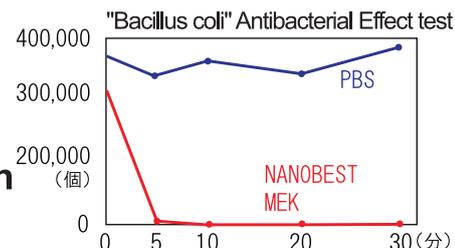


**Reduces the burden of
daily disinfection work**



Cordless electric spray gun

The photocatalyst can be sprayed after the store is closed. There's no need to wipe.



Kitchen

**Kitchen
ware**

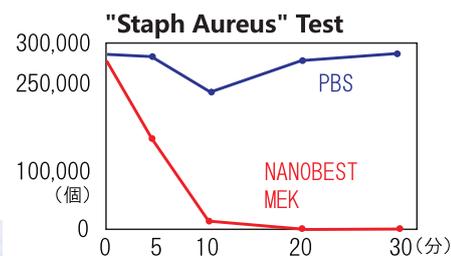
Pet

**Room
Toilet**

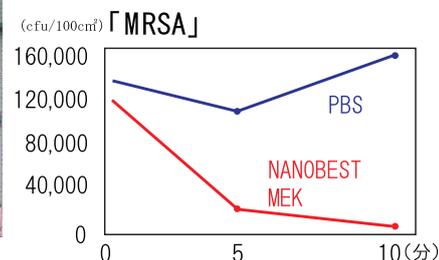
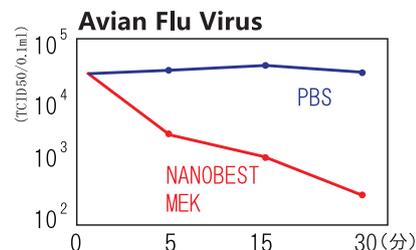
**Tobacco
Garbage**

**Bacterial
Virus**

MEK reduces risks at factories, hospitals, facilities, restaurants, pig farms, poultry farms and agriculture.



UV light accelerates the reaction of the photocatalyst



"Eye irritation" test of rabbits

Instill 0.1 ml of MEK-01 spray on one eye of 3 rabbits. It can be classified as non-irritants and safe as shown in the table below according to the Draize method.

0~50	61~150	151~300	301~600	601~800	801~1100
No irritant	Mild irritant	Irritant	Medium irritant	Medium-Strong irritant	Strong irritant

Component analysis test

MEK ingredient spec	Arsenic	Heavy metal	Methanol	pH Value	Coloring
Result ※1	PASS ※2	PASS ※2	PASS	PASS (pH7.7) ※2	Pass (not detected)

※1 No. 5A of Food & Additives Standards. Ingredient standards for cleaning agents

※2 Category: Conforms to non-fat detergents. (Test results by Japan Food Research Lab)

AIST National Institute of Advanced Industrial Science and Technology

PIAJ 光触媒工業会 Photocatalysis Industry Association of Japan Regular member

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