

Sanitary products



RELAFULL GUARD / Air-Freshener / Evaporator cleaner / Wet wipes



*Antiviral, antibacterial action.
This is the item if your selection
criteria are
long-lasting effect, durability and
convenience.*

**Easy to use in suppressing viruses and bacteria.
Choose our sanitary chemical products for their long-lasting effect,
durability, and convenience.**

RELAFULL GUARD by JAPAN CHEMICAL INDUSTRIES:

- Has a long-lasting antiviral and antibacterial effects.
- Does not easily come off even if rubbed.
- Is effective even in dark places.
- JAPAN CHEMICAL INDUSTRIES's chemical products comply with SIAA's safety standard.

* The above product should not be used to treat or prevent illness. * Effects are not guaranteed for all types of viruses and bacteria.
* The above product uses an aqueous ethanol solution as solvent. * Effects and duration will vary depending on usage environment,
materials and types of bacteria and viruses. * The above properties are limited to RELAFULL GUARD. * The above text is intended
for guidance purposes.



RELAFULL GUARD is your choice!

- Vehicles
- buildings
- indoors

RELAFULL GUARD combines the double action of copper ions and active oxygen. Its antiviral and antibacterial effects last even after the product has dried, ensuring a clean indoor environment.

- Use it to easily apply antiviral and antibacterial coatings regardless of material.
- Its durability ensures that it cannot be easily removed even when the surface is rubbed.
- SIAA-certified for antiviral performance and safety.



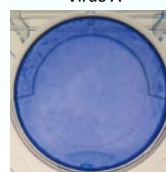
Antiviral testing

Antiviral action is effective against both enveloped and non-enveloped viruses.

Test sample (testing method)	Virus	Load applied	Viral activity	Suppression rate
Trim material / ISO21702	Enveloped	360 back-and-forth passes	>4.16	99.99% or above
	Non-enveloped	360 back-and-forth passes	>3.81	99.99% or above
Sheet material / refer to ISO21702	Enveloped	360 back-and-forth passes	>4.22	99.99% or above
	Non-enveloped	360 back-and-forth passes	>4.61	99.99% or above
Trim material / Sunshine	Enveloped	Equivalent to one year*	>4.19	99.99% or above
	Non-enveloped	Equivalent to one year*	>4.74	99.99% or above
Sheet material / Sunshine	Enveloped	Equivalent to one year*	>4.52	99.99% or above
	Non-enveloped	Equivalent to one year*	>4.33	99.99% or above

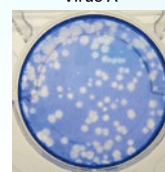
* Based on in-house accelerated deterioration testing

With RELAFULL GUARD Virus A



Material: Synthetic leather

Without RELAFULL GUARD Virus A



Material: Synthetic leather

Antibacterial testing

Effective against bacteria as well as viruses.

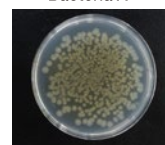
Test sample	Bacterium	Load applied	Bacterial activity	Suppression rate
Sheet material	Bacterium A	None	5.1	99.99% or above
		360 back-and-forth passes	5.0	99.99% or above

* Compliant with the bacterial solution absorption method specified in JIS L 1902

With RELAFULL GUARD Bacteria A



Without RELAFULL GUARD Bacteria A



Remove bacteria and unpleasant odors in your vehicle with a single push of a button.

Antibacterial air freshener (ABAF)

Keep a comfortable and clean car interior thanks to its superior deodorant, antibacterial and anti-mite properties



Cleaning agent for strongly cleaning evaporators.

Evaporator cleaner (EC)

Directly spray it on evaporators to ensure strong cleaning, antibacterial and deodorant effects. Removes unpleasant odors from air conditioners, has a long-lasting deodorant effect and prevents bacteria and mold from forming.



JAPAN CHEMICAL INDUSTRIES's ABAF and EC are used as genuine products by automobile manufacturers

JAPAN CHEMICAL INDUSTRIES's sanitary chemical lineup

Product name	Relafull Guard	Antibacterial air freshener	Evaporator cleaner
Capacity	100ml 500ml	220ml	100ml 200ml
Type	PET plastic, wet wipes, aerosol	Aerosol	Aerosol

* For other sizes, please contact the appointed staff.

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* The above text is intended for guidance purposes.



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