

Wash away viruses and bacteria



High-level Safety and Confidence



Sanitizer + deodorizer

Modeled after the human body

Pooky PRO care was born when researchers came across hypochlorous acid in their search for a solution to hygiene management challenges faced by dairy farmers. What caught our attention were the strong sanitizing properties of hypochlorous acid, complemented by its high degree of safety. We saw that these properties demonstrated an enormous ability to manage hygiene in a way that would provide people and animals a way of life that was not only healthy, but also safe, and this has led to the commercial introduction of a hygiene management system.

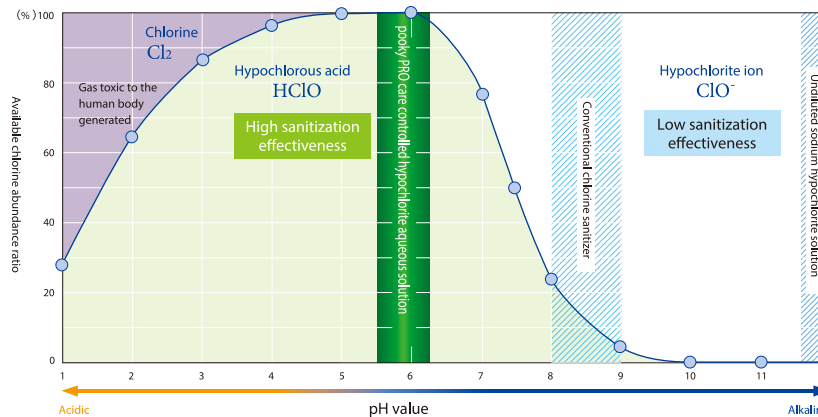
Based on the Pooky Trading Company Care Products Division's commitment to an approach that is friendly to people, animals, and the environment (both natural and living environments), it is our goal to provide health and happiness from the perspective of hygiene management.



Properties

- The configuration of free available chlorine changes depending on the pH of the liquid solution.
- The higher level of uncharged HClO (hypochlorous acid molecules) compared to ClO⁻ (hypochlorite ions) makes it a strong sanitizer.
- It even generates HClO (hypochlorous acid) inside the body, which will protect the body from invading bacteria.
- pooky PRO care is in a solution controlled to a pH of 5.8 – 6.2, which promotes the maximum ratio of the sanitizing ingredient HClO.
- As a result, it shows a higher sanitization capability than conventional sanitizers with a ClO⁻ ingredient.

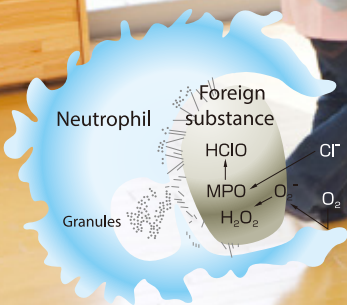
Basic Generation Principle and Abundance Ratio of Free Available Chlorine due to Change in pH



Comparison of HClO and ClO⁻ characteristics

	pooky PRO care	Sodium hypochlorite aqueous solution
Main sanitizing ingredient	HClO	ClO ⁻
Nature of the solution	Slightly acidic	Strongly alkaline
Safety	High	Low

Extremely safe sanitizer



This sanitizer is safe because it is made of an ingredient already found in the human body. The sanitizing ingredient, or hypochlorous acid, is a neutrophil (a kind of white blood cell) that actually already exists in the human body as a component generated to guard the body against bacteria and viruses.

Odorless

No aromas are added to mask other odors, so no wasteful smells remain. A slight smell of chlorine immediately dissipates.

Reverts to water

After removing bacteria, the sanitizer dissolves, without any residual effect.

No additives

Our independently developed control of the hypochlorite aqueous solution provides highly effective performance. No superfluous additives are included.

Additional ventilation unnecessary

Not only can it be sprayed on items to sanitize or deodorize them, an atomizer can be used in areas where other people or pets are present.

Slightly acidic

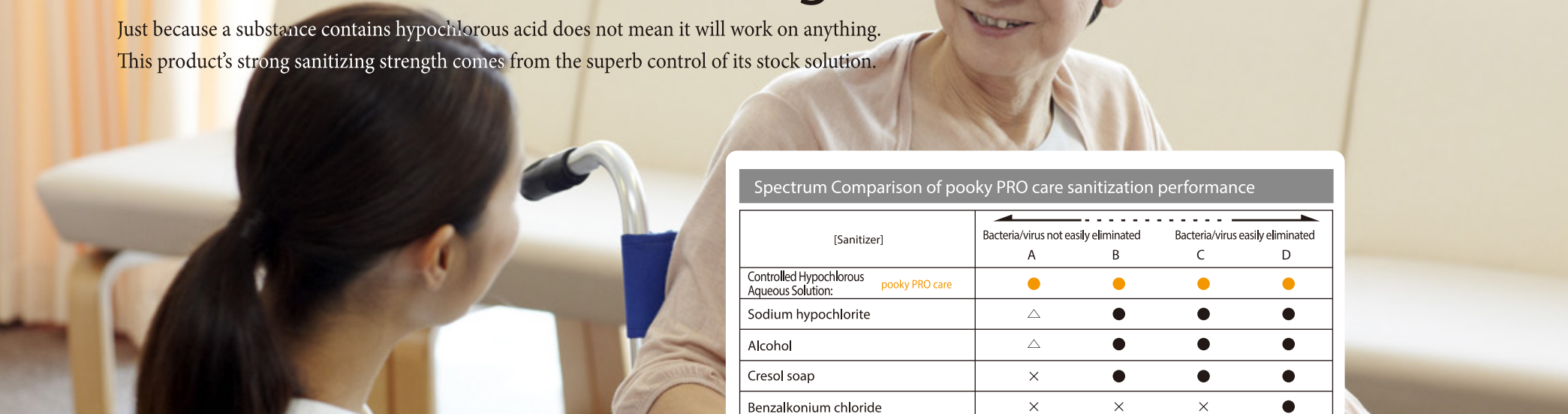
This is a component already present in the human body. It also will not cause irritation.

Safety Profile

- No trihalomethane generated
- Extremely difficult for bacteria to develop resistance
- No neutralizing agent required for disposal or washing

Demonstrates a reliable sanitizing strength for viruses, bacteria, and fungi

Just because a substance contains hypochlorous acid does not mean it will work on anything. This product's strong sanitizing strength comes from the superb control of its stock solution.

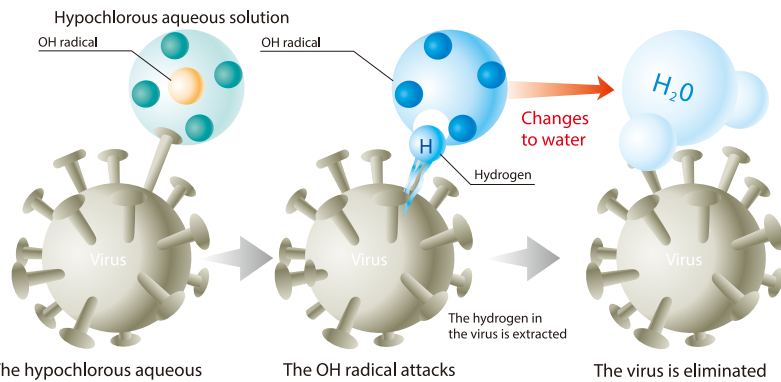


Spectrum Comparison of pooky PRO care sanitization performance

[Sanitizer]	Bacteria/virus not easily eliminated		Bacteria/virus easily eliminated	
	A	B	C	D
Controlled Hypochlorous Aqueous Solution: <i>pooky PRO care</i>	●	●	●	●
Sodium hypochlorite	△	●	●	●
Alcohol	△	●	●	●
Cresol soap	×	●	●	●
Benzalkonium chloride	×	×	×	●

●: sanitizes quickly △: takes time to sanitize ×: cannot sanitize (alcohol is not effective on noroviruses)

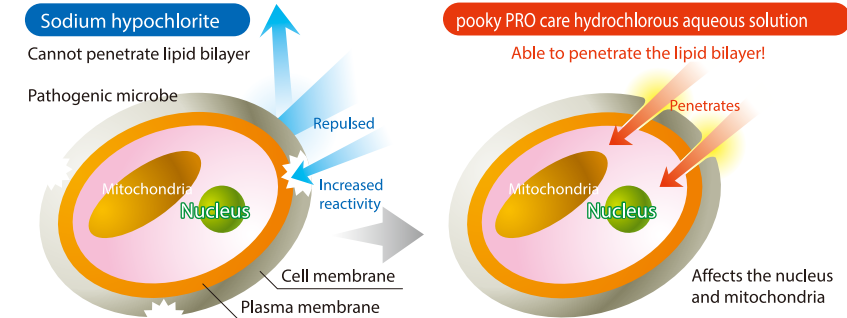
How it works on a virus [illustration]



[Role of the OH radical]

By attacking the bacteria's genetic material or the spikes of the virus, the OH radical is able to eliminate the bacteria or virus.

How it works on bacteria [illustration]



A diluted sodium hypochlorite solution cannot penetrate the cell membrane of the pathogen.

By controlling the slightly acidic hypochlorous aqueous solution to a slightly acidic pH domain, the product is able to penetrate the cell membrane and effectively attack the bacteria.

Some bacteria or viruses do not have mitochondria, but other structures similar to them are present in the plasma membrane.

Is that smell really gone? Allergens and toxic chemical substances too...

Run-of-the-mill deodorizers hide an offensive odor with another aroma, but rather than hiding the odor, Pooky PRO care actually dissolves it. Thus, once the odor is removed, it produces an odorless state.

Method / Masking

(Method of main deodorizers advertised in commercials)

An aroma is emitted to hide the odor.

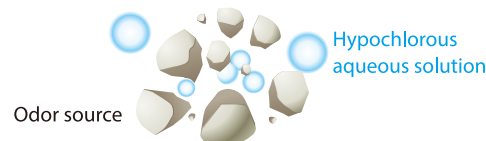


Run-of-the-mill deodorizers generally use a masking method to hide the odor with a different aroma.

Method / Dissolution

(The Pooky PRO care method)

The odor is not masked, it is **dissolved**.

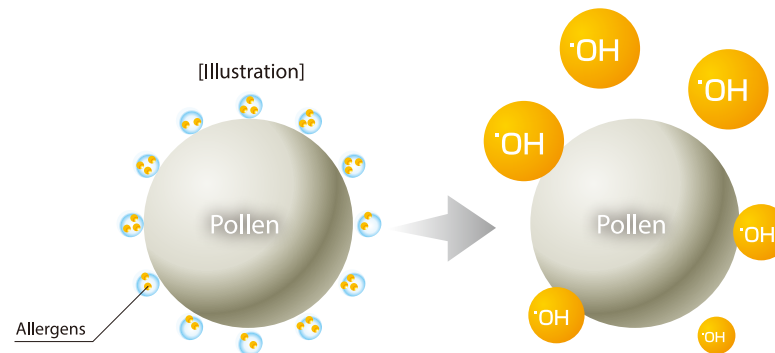


The odor is completely dissolved due to the effects of the OH radical. Without creating the mixture of an aroma and distasteful odor, it simply renders things odorless once the original odor is eliminated.

Also works for pollen and chemical substances!

Allergens such as pollen or mites and toxic chemical substances which can be the cause of overall poor health and which you may have once thought were unavoidable...

The Pooky PRO care OH radical works on these substances to protect people and animals from allergens and toxic chemical substances.



[How it works on allergens (example: pollen)]

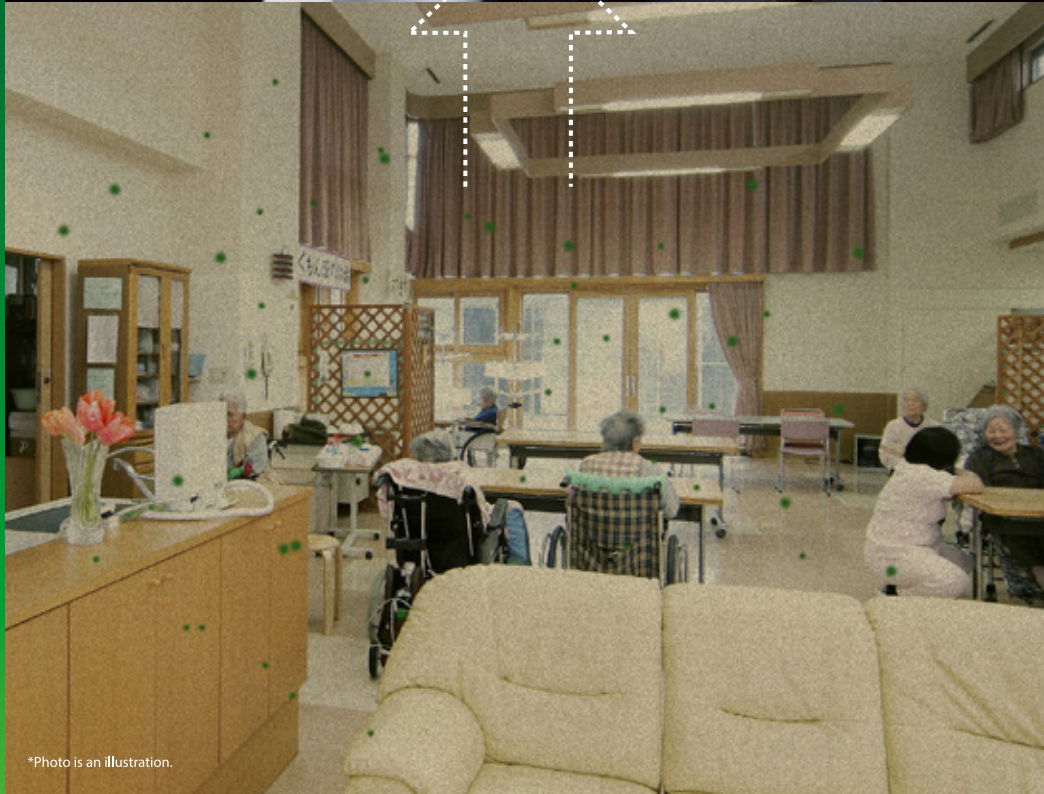
The OH radical affects the protein in the allergen.

An atomizer that makes a difference in hygiene management. That would be pooky PRO care.

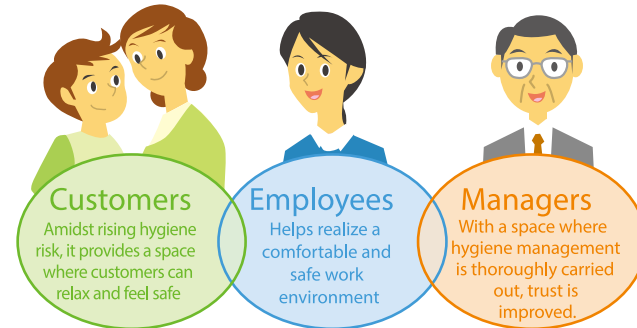
If the atomizer is placed in a room...

Mist aerosol from an ultrasonic atomizer

*Photo of the PK-604EX atomizer spout



Three advantages provided by pooky PRO care



In various places where people gather, or come and go frequently, people expect good hygiene management in such spaces, starting with sanitization and deodorization. Unlike other sanitizers or deodorizers, pooky PRO care provides a different approach that carefully changes the environment of the room or space in question. The clear-cut results it provides are why it is the sanitizer of choice.



Cleaning the air with PRO mist.

PRO mist

The air is cleaned by placing a specialized atomizer in the space that you want to sanitize/deodorize.



*The amount of mist is adjustable with a button or dial.

Refills

Eco-refills that are easy on the household budget



Refill boxes in 5 L, 10 L, and 20 L sizes also provide convenient spigots for refill.



Refill boxes: 5 L / 10 L / 20 L

Refill bottles: 1 L / 4 L



Sanitization study in a typical office environment
Airborne bacteria test (with aerosol of approximately 20 minutes)
in a test room (3.5 m x 3.5 m x height of 2.5 m)

*Testing agency: Shikoku Chuken Inc.

*As the sanitizing performance will vary depending on the environment and method of use, complete sanitization is not guaranteed.

What pooky PRO care can do

- ◎ Works on airborne bacteria, viruses, pollen and others in indoor spaces
Creates a fresh environment that feels like all of the air within the area has been cleaned
- ◎ Highly effective deodorizer that drastically reduces the smell of tobacco, unpleasant pet feces and urine odors, or unpleasant odors

Pinpoint aim for a quick spray!

To prevent deterioration of the sanitizing ingredient, a special light blocking bottle is used!

Easy to use in everyday life

Hand sprayer



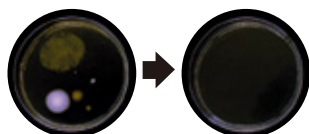
Placed and used near the toilet or sink

Long nozzle spray (pump type)



Convenient portable mini-size

Atomizer



Study of sanitizing wipe of typical office desk
After spraying with the pooky PRO care hand spray, the desk was wiped 30 seconds later and dried.

*Testing agency: Shikoku Chuken Inc.
*As the sanitizing performance will vary depending on the environment and method of use, complete sanitization is not guaranteed.

What pooky PRO care can do

- Eliminates fungi, bacteria, and viruses.
- Also works for allergens such as pollen.
- Can be used as an instant deodorizer to reduce the smell of tobacco, pet feces and urine odors, or unpleasant odors clinging to other objects.
- Although an extremely effective sanitizer, it can be used without fear of skin irritation. No concern necessary even if a pet mistakenly licks it.

- As chlorine gas is generated, heating it or spraying a frying pan or other heating appliance is strictly prohibited.
- Please do not use on rust-prone metal or precious metals.
- Please do not mix with other washing liquids or chemicals. This is hazardous, as the chlorine easily separates.
- In some cases, discoloration may occur in paint or coatings, dyes, cotton, linen items, leather items, etc. that are easily oxidized. (Before using, please test first on an inconspicuous area of the item.)

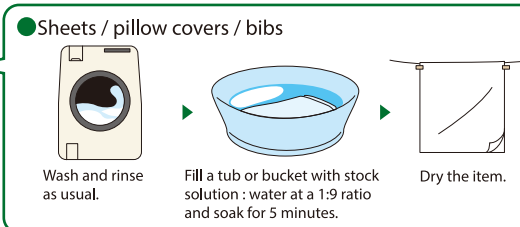
Room sanitizing and deodorizing item [PRO mist]

Application / Location of Use	Dilution rate	Method of usage / Cautions	Item used	Dilution ratio
Reception area, lobby, toilet, linen room, kitchen, guest room, smoking room, etc.	Sanitization: 7 – 10 times	The PRO care stock solution is diluted with tap water. The mist created by a specialized atomizer will eliminate bacteria and viruses within the area or room, while simultaneously deodorizing as well.	PRO mist	Stock solution 1 : Water 6 – 9
	Deodorization: 4 – 7 times			Stock solution 1 : Water 3 – 6



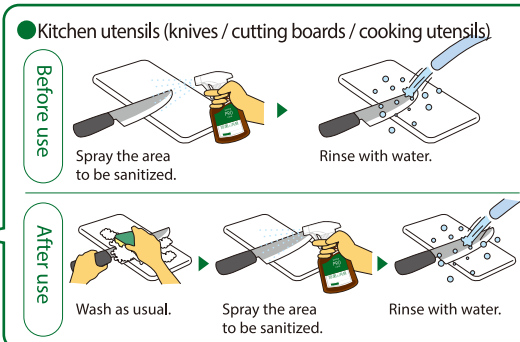
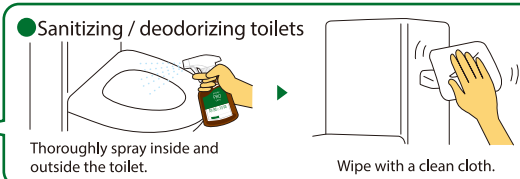
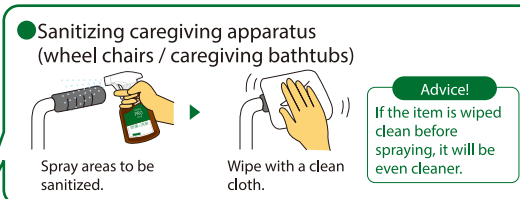
Sanitizing and deodorizing a specific item [soaking (refill box)]

Application / Location of Use	Dilution rate	Method of usage / Cautions	Item used	Dilution ratio
Sheets / pillow covers / bibs	10 times	After washing and rinsing the item(s), soak for approximately 5 minutes	Tub Bucket	Stock solution 1 : Water 9
Kitchen items (cooking tools, aprons or other cloth items)	10 times	After washing and rinsing the item(s), soak for approximately 5 minutes. After soaking, rinse clean with water.	Tub Bucket	Stock solution 1 : Water 9
Floor cleaning	4 times	When carrying out the normal floor cleaning, please wipe the floor while pulling back.	Bucket Mop / brush	Stock solution 1 : Water 3



Sanitizing and deodorizing a specific item [Spray]

Application / Location of Use	Dilution rate	Method of usage / Cautions	Item used	Dilution ratio
Excrement / Vomit	Stock solution	After disposing of the excrement, spray the floor. After spraying, wipe with a clean towel.	Spray	Stock solution only
Door knobs / railings	2 times	Spray the area to be sanitized and wipe off with a clean cloth. (If it is wiped down first, the spray is even more effective.)	Spray	Stock solution 1 : Water 1
Sanitizing of caregiving apparatus (wheel chairs / caregiving bathtubs)	2 times	Spray the area to be sanitized and wipe with a clean cloth. (If it is wiped down first, the spray is even more effective.)	Spray	Stock solution 1 : Water 1
Sanitizing / deodorizing the toilet	2 times	Spray thoroughly inside and outside the toilet. Rinse metal parts with water.	Spray	Stock solution 1 : Water 1
Bathtub (after use)	2 times	After normal cleaning, spray the tub thoroughly and rinse away with water.	Spray	Stock solution 1 : Water 1
Bathtub (before use)	2 times	Before filling it with hot water, spray the tub thoroughly.	Spray	Stock solution 1 : Water 1
Tobacco odor	2 times	Aim the spray upwards and beginning from the back of the room, spray while moving back towards the door.	Spray	Stock solution 1 : Water 1
Kitchen utensils (knives / cutting boards / cooking utensils)	4 times	(Before use) Spray the area to be sanitized and rinse with water. (After use) Wash normally and then do the same as you would before use.	Spray	Stock solution 1 : Water 3
Pet goods	4 times	Spray any areas where odor is a concern. The same procedure is used when sanitizing an item.	Spray	Stock solution 1 : Water 3



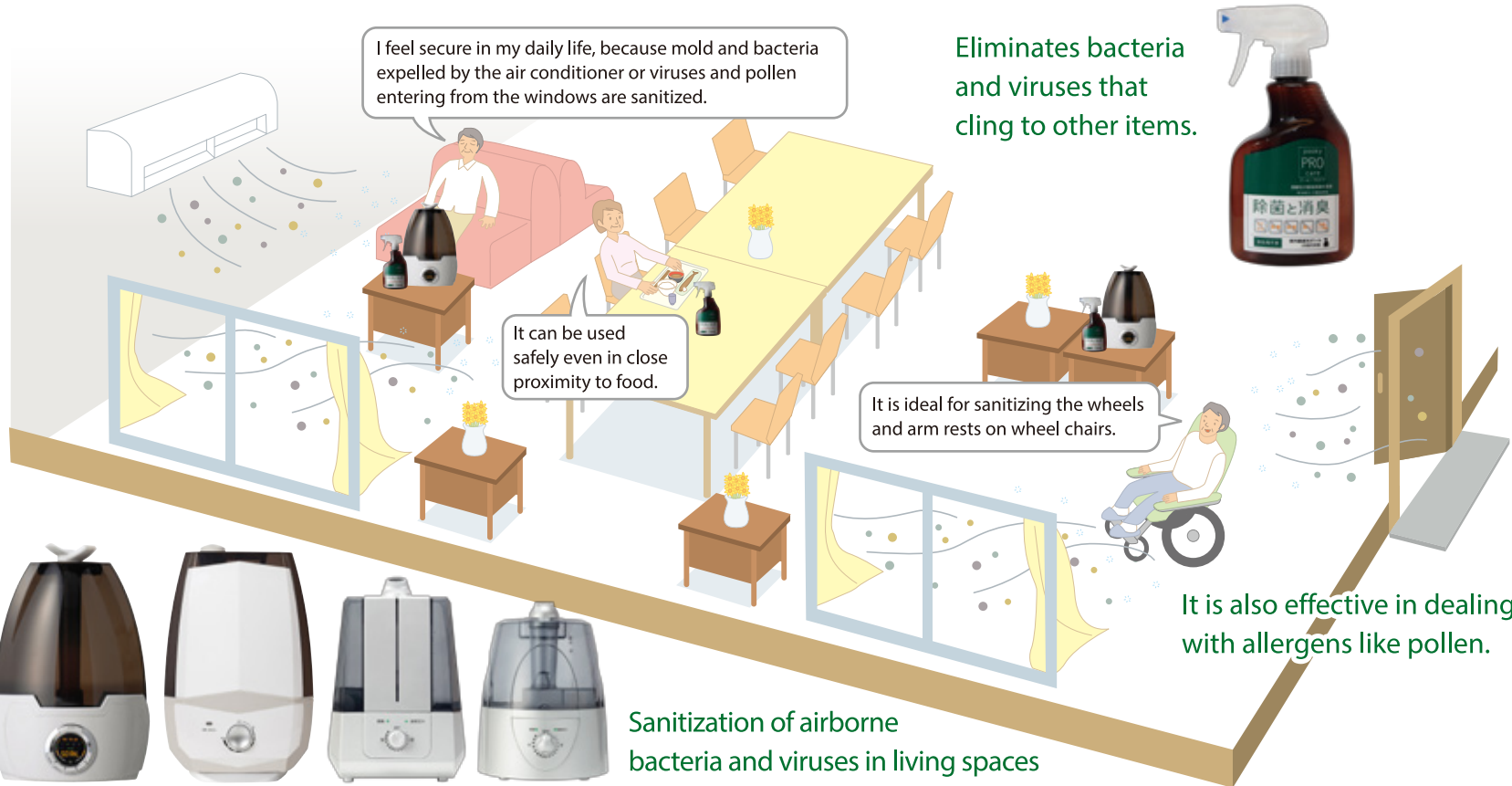
pooky PRO care is ...

A hygiene management system focused on managing living and working spaces



Using different dilutions of the stock solution allows you to substitute it for various existing hygiene management methods, taking your hygiene management a step higher.










To caregivers and medical personnel In conjunction with each facility's designated hygiene management manual, please use this system as a tool to strengthen your hygiene management.



Diluting with water lowers cost. Refill tanks save money.

The most economical approach is to utilize refill tanks for either the spray or mist type.

Simple tap water can be used to dilute the stock solution. Please use different dilutions in accordance with application.

		How to make	Applications	
Stock solution	200 ppm	—	<ul style="list-style-type: none"> ○ Cleaning up after excrement or vomit 	The refill tank holds this solution.
Diluted at 1:1 ratio (2 times)	100 ppm	 + 	<ul style="list-style-type: none"> ○ Sanitizing / deodorizing of bathroom and bathroom accessories ○ Sanitizing / deodorizing of toilet ○ Deodorizing of kitchen garbage ○ Sanitizing / deodorizing of pet goods (pet circle or cage, toilet area, etc.) 	This is the concentration contained in the spray bottle. 
Diluted at 1:3 ratio (4 times)	50 ppm	 + 	<ul style="list-style-type: none"> ○ The ultrasonic atomizer sanitizes, deodorizes, and counters against pollen *Please use the specialized ultrasonic atomizer sold by Pooky Trading. ○ Sanitizing / deodorizing of refrigerator, tables, etc. ○ Sanitizing / deodorizing of cooking utensils like knives and cutting boards, and dishes *Immerse or spray liberally. After sanitizing, please rinse with water. ○ Deodorizing of indoor odors such as tobacco and pets ○ Deodorizing of a vehicle's interior, as well as both the sanitizing and deodorizing of a vehicle's seats, dashboard, etc. 	Best suited for use in a business or facility. Not only does it sanitize, but you will also notice that it is an effective deodorizer!  <small>(Types of atomizers available)</small> <ul style="list-style-type: none"> ○ PK-6055 ○ PK-604EX (S) ○ PK-603A (S) ○ PK-602 (S) <small>*Image shown is the PK-604EX(S)</small>
Diluted at 1:9 ratio (10 times)	20 ppm	 + 	<ul style="list-style-type: none"> ○ Room sanitization by ultrasonic atomizer *Please use the specialized ultrasonic atomizer sold by Pooky Trading. ○ If you want to maintain the high level of the deodorizing performance, we recommend using a dilution ratio of 1:6 (7 times). 	When used only for room sanitization, these types are sufficient for a typical household.  <small>(Types of atomizers available)</small> <ul style="list-style-type: none"> ○ PK-6055 ○ PK-604EX (S) ○ PK-603A (S) ○ PK-602 (S) <small>*Image shown is the PK-604EX(S)</small>



[In the case where the tank is full and atomizer set at "Medium" spray]
Continuous spray availability:
Approx. 38.7 hours
Atomizer: PK-604EX(S) / Tank volume: 5.8 L



[In the case where the tank is full and atomizer set at "Medium" spray]
Continuous spray availability:
Approx. 37.3 hours
Atomizer: PK-6055 / Tank volume: 5.6 L

Dilution rate (stock to water ratio)	Amount of solution used Stock solution 20 L	Availability in hours		Availability in days (Used 8 hours per day at [2] setting)
		Spray set at "Medium" or approx. 150 ml/hr	Spray set at "High" or approx. 300 ml/hr	
4 times (1:3 ratio)	80 L	Approx. 533 hours	Approx. 266 hours	Approx. 66 days
7 times (1:6 ratio)	140 L	Approx. 933 hours	Approx. 466 hours	Approx. 116 days
10 times (1:9 ratio)	200 L	Approx. 1333 hours	Approx. 666 hours	Approx. 166 days



[In the case where the tank is full and atomizer set at "Medium" spray]
Continuous spray availability:
Approx. 27.8 hours
Atomizer: PK-603A(S) / Tank volume: 5.0 L



[In the case where the tank is full and atomizer set at "Medium" spray]
Continuous spray availability:
Approx. 19.4 hours
Atomizer: PK-602(S) / Tank volume 3.5 L

Dilution rate (stock to water ratio)	Amount of solution used Stock solution 20 L	Availability in hours		Availability in days (Used 8 hours per day at [Medium] setting)
		Spray set at "Medium" or approx. 180 ml/hr	Spray set at "High" or approx. 360 ml/hr	
4 times (1:3 ratio)	80 L	Approx. 444 hours	Approx. 222 hours	Approx. 56 days
7 times (1:6 ratio)	140 L	Approx. 778 hours	Approx. 389 hours	Approx. 97 days
10 times (1:9 ratio)	200 L	Approx. 1111 hours	Approx. 555 hours	Approx. 139 days

*The spray set at "High" shown in the table above is the setting for the maximum spray amount on each type of PRO mist atomizer. The atomizer's "Medium" setting indicates a spray amount that is half of the maximum amount.

Case of a 20 L refill box used at a dilution rate of 2 times (1:1)
For a 400 ml spray **▶▶▶ It can last for 100 bottles!**



*The figures indicating how long the atomizer can operate continuously (continuous spray availability) shown in the chart are theoretical values and are the calculated usage times for each atomizer.

*The sanitizing and deodorizing effectiveness can significantly vary depending on usage conditions, such as how often people enter or leave the room.

Voices of Customers

pooky PRO care is used regularly by many people in various situations.



Caregiving facilities
Medical facilities

As our facility is a group living situation for the elderly, we especially pay attention to sanitization for viruses. Although it is a chloride deodorizer and sanitizer, pooky PRO care has almost no smell, making it easy to use.



Pre-schools
Day care centers

Held in high esteem by parents and guardians who pay close attention to the health of their small children, as a pre-school, we are delighted with this product. I personally think that it makes the air in the room very clean.



Veterinary clinics
Pet shops

We use this product to disinfect animal cages and pet dishes. We do not have to worry if an animal licks it by mistake, so we feel comfortable using it. It is very convenient as we can both deodorize and sanitize with a single product.



Ronald McDonald Houses have been established in more than 310 locations in 31 different countries. Our product is being used at facilities at Tokyo University, Setagaya, Fuchu, Saitama, Tochigi, Kobe, Osaka and other locations.

▶ Please do not hesitate to go to our home page and read the opinions of general product monitors.

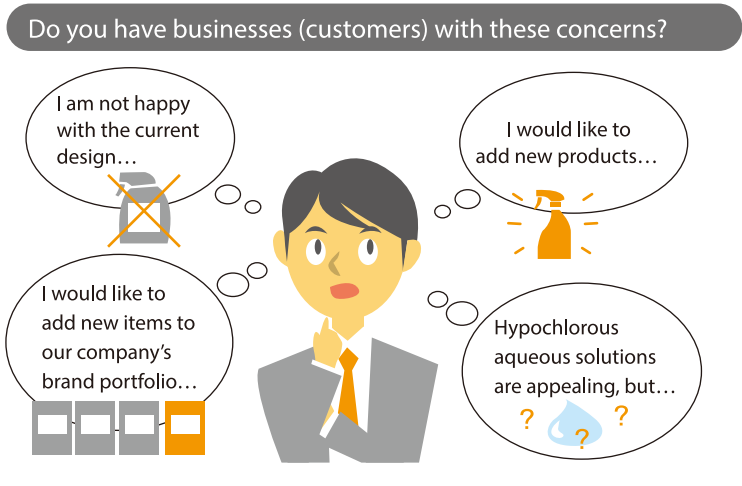
<https://www.pookyprocare.com/>

[pooky PRO care official HP](#)

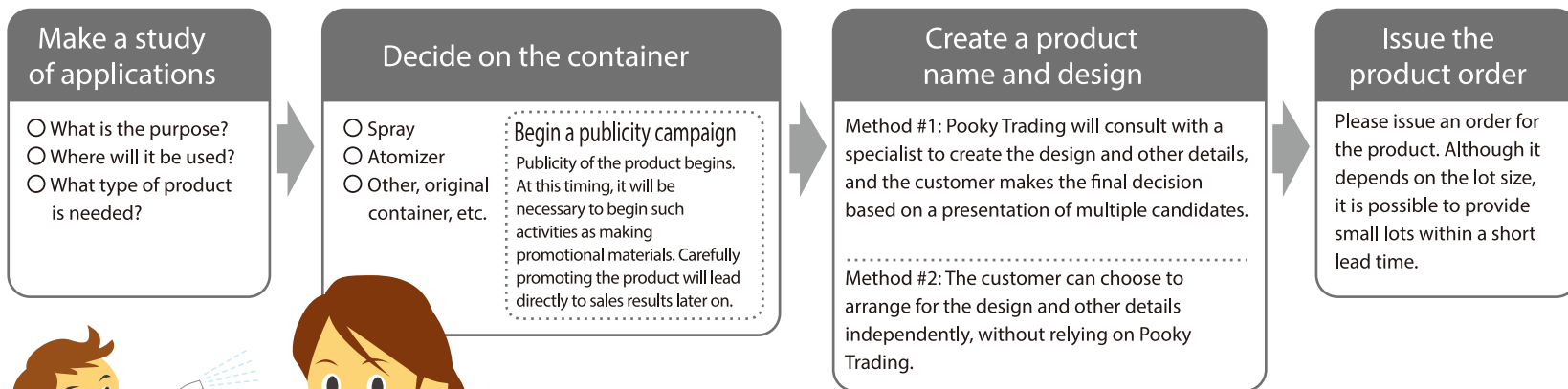
Make pooky PRO care an effective element of your company strategy

—Proposal to OEMs—

Pooky Trading is always ready to respond to the needs of Original Equipment Manufacturers. Customers have shown strong interest in our proposals which are tailored to the business content of the OEM and aimed at remarkably expanding the range of your company's business. This includes assistance in sales methods, so please feel free to contact us.



Work Flow with OEMs



● Use as novelty goods or promotional items

Our sprays and atomizers can be used as novelty goods and promotional items in line with the customer's business content.

Spray type Quick single spray of location to be sanitized or deodorized

Easy to use in everyday life

Placed and used near the toilet, sink, etc.

Convenient portable mini-size



Hand sprayer
(volume: 400 ml)



Long nozzle spray
(pump type / volume: 1 L)



Atomizer
(volume: 30 ml)

Mist type stock solution refills come with convenient dilution label

The PRO mist specialized atomizer is placed in the room or space that is to be sanitized or deodorized, where it cleans the air.



PK-604EX(S)
(tank volume: approx. 5.8 L)



PK-605S
(tank volume: approx. 5.6 L)



PK-603A(S)
(tank volume: approx. 5.0 L)



PK-602(S)
(tank volume: approx. 3.5 L)

Refills The stock solution is diluted and then used in a specialized atomizer or any of the various spray types.

Refills are economical and easy on the household budget.



Refill boxes in 5 L, 10 L, and 20 L sizes also provide convenient spigots for refill.



- Refill boxes: 5 L / 10 L / 20 L
- Refill bottles: 1 L / 4 L

Economical and easy to use starter set

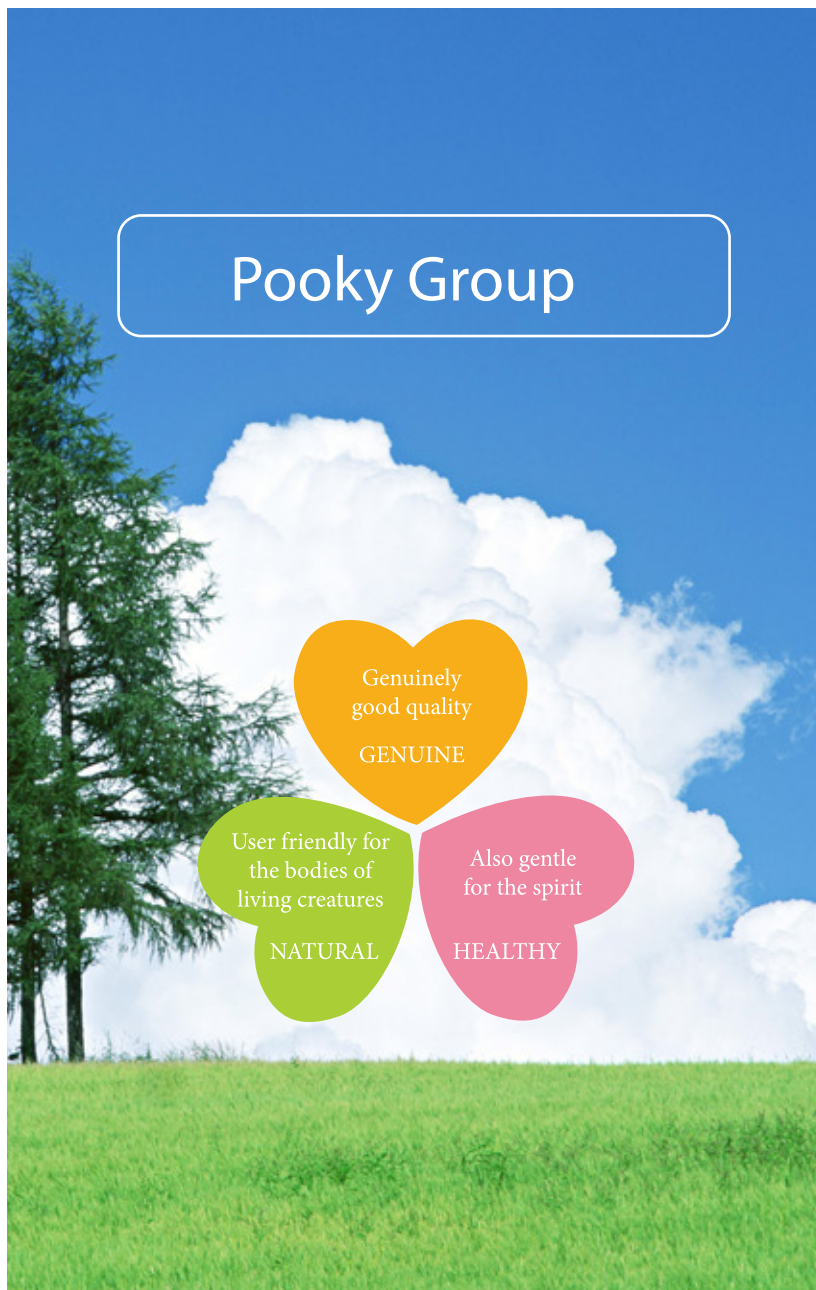
For first-time users, this set comes with a handbook of easy explanations on how to use the product

《Set contents》

- Customer-selected atomizer (1): PK-605S, PK-604EX(S), PK-603A(S), or PK-602(S)
- Customer-selected refill (1 box): 5 L, 10 L, or 20 L
- 400ml hand sprayer ○ Measuring cup ○ Handbook

Customer-selected atomizer





Pooky Trading Inc.

- Wholesale importing
- Manufacture of livestock feed
- Industrial waste disposal
- Pet shop management [4 shops in Aichi Prefecture (as of January 2020)]
- Interior improvement business (PRO care sales, etc.)

2048-1 Ido, Miki-cho, Kita-gun, Kagawa Prefecture 761-0823

TEL: 087-891-9311 (reception)

TEL: 087-849-0012 (direct dial-in)

<https://www.pookyprocare.com/>

Pooky Biken, Inc.

- Manufacture of Hypochlorous aqueous solution

2048-1 Ido, Miki-cho, Kita-gun, Kagawa Prefecture 761-0823

TEL: 087-816-0811

Sakai Trading Co., Ltd.

- Sale of livestock feed
- Pet shop management [5 shops in Kagawa Prefecture (as of January 2020)]
- Wholesale pet food and pet goods

2048-1 Ido, Miki-cho, Kita-gun, Kagawa Prefecture 761-0823

TEL: 087-891-9213 (reception)

<https://www.pooky.co.jp>

The Pooky Group is developing initiatives to improve interior environments, including measures for Sick Building Syndrome (SBS) and is a member of this association certified by the Minister of Land, Infrastructure, and Transport.



Certified by the Ministry of Land, Infrastructure, and Transport
National Cooperative Business Association
for Interior Environment Improvement



pooky PRO care

Sold by: Pooky Trading Inc.

2048-1 Ido, Miki-cho, Kita-gun,
Kagawa Prefecture 761-0823
TEL: 087-891-9311 (reception)
TEL: 087-849-0012 (direct dial-in)
e-mail: support@pooky.co.jp

<https://www.pookyprocare.com/>

pooky PRO care official HP

Search

*Actual products may vary slightly from the images shown in this pamphlet due to changes in specifications or other circumstances.

Vendors (sole agent) / Dealers or distributors