# Examples of Use of PANACEA®FX in Classified Industries

Company	Examples of Use / Effects			
Noodle Manufacturer	<ul> <li>Perfect for retaining the freshness of noodles.</li> <li>Lasts 2~3 days longer when refrigerated.</li> </ul>			
Cut Vegetables Manufacturer	<ul> <li>Disinfects and retains freshness of vegetables such as lettuce, cucumbers, cabbage and tomatoes. Enhances flavor.</li> <li>Assists in enhancing flavor of Tsuma, shredded Japanese radish served next to sashimi, and retaining its freshness longer.</li> </ul>			
Cut Fruits Manufacturer	·Can be used for all cut fruits such as strawberries and pineapples.  Drastically extends shelf life of strawberries.			
Fish Market	<ul> <li>Helps in retaining freshness of seafood commonly found in the ocean near Japan like Aji(Horse Mackerel),Saba(Chub Mackerel),squid,wakame seaweed and frozen fish.</li> <li>Helps to prolong the freshness of sashimi to 4~5 days, which usually lasts only 2 days.</li> </ul>			
Mill Factory	Prevents food poisoning, enhances flavor, improves the look of products and supplements calcium.			
Ice Manufacturer	<ul> <li>Ice made from Strong Alkaline Water with a pH value of 12 aids in retaining freshness of fish.</li> <li>Enables the production of edible ice with pH value of around 9~10.</li> </ul>			
Dried Wakame and Mozuku Seaweed Manufacturer	·The usual $2\sim$ 3 day shelf life of dried seaweeds can be doubled when soaked in PANACEA®FX solution.			
Processed Meat Manufacturer	<ul> <li>Helps in prolonging the standard value of the antibacterial effect 2 days longer than when using the chemical preservative, sorbic acid.</li> </ul>			
Tofu Manufacturer	Can be used as a coagulant.     Assists in producing more soy milk and in extending shelf life.			
Brown Sugar Manufacturer	<ul> <li>Helps remove impurities from sugar cane juice and neutralizes weak acidity.</li> <li>Enhances the dark color and unique flavor of brown sugar and helps to produce delicious sugar.</li> </ul>			
Washed Rice / Bento Lunch Manufacturer	Prevents decay. Rice regains its newly harvested freshness and stays delicious even when it's cold.			
General Food Service Industries	Enables to retain freshness of raw meat, fish and vegetables and helps to significantly reduce waste.			

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# PANACEA®FX is a nature-derived, calcined shell calcium detergent that is friendly to people and the environment.

PANACEA®FX is useful in various situations domestically and commercially. PANACEA®FX can assist you in achieving a safe, reliable and healthy "dietary" life.

# Ingredients of PANACEA®FX

PANACEA® FX Solution

disinfecting /

cleansing effects

on all kinds of

Effective in Every Situation! /

Cleaning • Disinfecting •

Antibacterial • Deodorizing •

**Retains Freshness** 

strong

disinfecting

power with deodorizing

effect

PANACEA®FX is calcium hydroxide created by calcinating mainly the shells of cultured oysters, scallops and Sakhalin surf clams at a very high temperature, over 1,100°C (2,012°F).

It has a high disinfecting and cleansing power and is also highly effective in eliminating odors such as spoiled and ammoniacal odors. Because it is derived from natural ingredients, it is safe, reliable and can be sprayed directly on to or used to soak food to disinfect and prolong freshness. With 1 bottle of PANACEA®FX in your home, you can enjoy the freshness of your food even better and longer and can retain a safe and clean environment around your kitchen.

removes

pesticide

residue on

food

effective in

retaining

freshness of

vegetables,

seafood and

meat



Calcined Shell Calcium created at over 1,100°C (2,012°F)





Scallop shells

kills and inhibits

growth of food

poisoning

bacteria such as

0-157 and

strong cleansing.

disinfecting.

deodorizing effect

on your laundry

# Characteristics of PANACEA®FX

**Makes Food** Fresher! Safer! Tastier!

Strong Cleaning Power / **Preserves Freshness** By killing putrefactive bacteria, it reduces food oxidization (decay). It also kills anaerobic bacteria that

Reliable **Even When** Sprayed Directly on to Food

Safe &

### Powerful Deodorization

With strong disinfecting power, it kills anaerobic bacteria and with its antibacterial effect, reduces outrid odor emissions duri e process of oxidization

Disinfecting Power: 99.9%

Disinfects 99.9% of O-157, E. coli, Staphylococcus aureus, salmonella, Legionella, trichophyton fungus within 1~5

# ••••• Cleansing Power

When dissolved into water, it becomes a strong alkaline electrolyte (alkaline ionized water) with a pH value of around 13.

The alkalinity removes pesticide and wax residue and kills unwanted bacteria found on the surface of your food.







the surface of food.

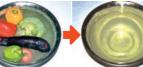
PANACEA®FX removes

### Instructions

Make (0.1%) calcined calcium water by dissolving 1g (1 teaspoon) of PANACEA®FX into 1  $\ell$  of tap water. Soak food in the solution for a few minutes and rinse.

\*For spraying directly on food, use 0.3% solution. Dissolve 3g of PAN-ACEA®FX into  $1 \ell$  of water.







# **Method of Application**



### **Vegetables & Fruits**

Prepare in a large bowl, 2 & of water and add 2g of PANACEA®FX. Soak cut vegetables in solution for 3~5 and uncut vegetables for  $8\sim10$ in. Drain well, wrap and store in



**Effects** 

 $lue{C}$ rispness of vegetables lasts  $2\sim3$  days longer.

• Gets rid of pesticide residue, viruses and bacteria so you can enjoy your fruits and vegetables safely and worry-free.



#### **Beef / Pork / Poultry**

Make solution by dissolving 1g of PANACEA®FX into 1 ℓ of water. Make sure the meat is fully mmersed and soak for about 20 min. Prepare after thoroughly insing with tap water. For storing wrap and keep refrigerated.



The meat becomes tastier and more tender.

• Effective in grilling, frying or boiling meat.



#### Rice

Use 1g of PANACEA®FX for 3~5 go I go = 180 mI) of rice. Place strainer nside a bowl and wash rice in the strainer. Wash for about 10 sec. Drain and rinse quickly after the water turns yellow.



- Only needs 1/3 of the usual washing time.
- Can enjoy tastier rice.
- Delicious even when cold.



#### Seafood / Seaweeds

Make solution by adding 10g of salt and 1g of PANACEA®FX into 1ℓ of vater. Soak fish and seaweed for 5~ Rinse and drain before use.



- Safe and worry-free when eaten raw.
- By removing excessive oils and fats, keeps fish intact and makes it tastier when boiled or grilled.
- $lue{0}$ Octopus and raw squid lasts  $2\sim3$  days longer.



#### **Noodles**

Make solution by adding PANACEA®FX (0.3% the amount of flour) to water. Use solution for making dough. Adjust the amount according to ideal springiness and color of the noodle and when using together with kansui (alkaline water). Make sure to mix well.



- Disinfects and retains freshness
- Can be used to replace kansui.
- •Water after boiling noodles becomes less murky.
- Cool noodles after boiled with PANACEA®FX-0.3% solution to keep the noodles fresh and improve shine and silkiness.

## Other Uses



#### **Tofu Production**

Helps in producing more soy milk and helps tofu to last



### **Sushi Toppings**

Spray 0.1% solution onto sushi toppings. Disinfects, reduces odor and retains freshness.



Add 4cc(4mL) of 0.1% PANACEA®FX solution for 2 eggs (small/medium). Enhances texture and reduces food oisoning bacteria.

For Boiling or Stewing

Soak ingredients in 0.1% solution for 20 min. and rinse. Helps to keep food intact and brings out its natural flavor.



# **Processed Meat**

Helps in prolonging the standard value of the antibacterial effect 2 days longer than when using sorbic acid.

Soak in 0.1% solution for 5 min. Disinfects and prevents from discoloring and helps last longer



Soak ingredients in 0.1% solution for 5 min. Not only does it disinfect but also enhances crunchiness and color and helps to last longer.

#### **Dish Washing**

Cleans and disinfects dishes, cutting boards and baby bottles by soaking them in 0.1% solution.

