

Fresh Food Wash

CitroBio: For washing fruits, vegetables, poultry, meat, fish and seafood

With today's disturbing facts about the use of pesticides, herbicides, fungicides, waxes, pathogens and contaminants in fruits, vegetables, poultry, seafood and meats, CitroBio is an essential and effective way to a safer preparation of food.

CitroBio is a bactericide fungicide of natural citric origin, used to wash food more effectively and safely. It is fully biodegradable. Reports show that all foods, including organic food, must be washed before consumption. Dissolving 1/4 ounce of CitroBio Food Wash in a gallon of water provides an effective topical cleaner for kitchen tables, cutting boards and other cleaning equipment.

CitroBio does not need rinsing and does not change taste, color or appearance of the food CitroBio is safer, cleaner and fresher!

CitroBio Wash Usage Instructions:

Add 1/4 fl. oz (14.8 ml) per gallon (3.79 L) of water. Submerge food in the solution for 5-10 minutes. No Rinsing Necessary!

CitroBio Characteristics:

- Not flammable
- Does not contain solvents
- Biodegradable
- Contains no perfume
- Does not change color or flavor
- Eliminates chemicals
- Eliminates waste
- Removes solvents



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Meat & Poultry

Preservation & Disinfection of Meats:

CitroBio is a liquid base 100% natural preservative derived from organic FDA/GRAS (generally recognized as safe) ingredients. The surface active components in the presence of ascorbic acid (vitamin C) synergistically destroy the membrane structures of contaminants. It is an antimicrobial and fungicide. CitroBio prolongs the shelf life of fresh and cooked meat products, raw and scalded sausages, etc.

Poultry Applications:

- Clean Incubators / Eggs
- Add to feed and watering systems to control parasites naturally
- Controls airborne bacteria in growing areas
- Use in slaughtering process
- Chillers/ Wash Tanks
- Final Packing
- Equipment

APPLICATIONS	RECOMMENDED DOSE	CONTACT TIME	INSTRUCTIONS FOR USE
As a preserver of: Hams, sausages, pastries, cold cuts, smoked chops, pasta, meat, ground meat	10 mL/50 Kg of finished product (0.02% or 200 ppm)	n/a	Add directly to the product
As an exterior preserver: Raw sausages	2 mL/5 L of water (0.04% or 400 ppm)	n/a	Spray during maturation / each piece
For sanitizing: Sausage peeled	2 mL/5 L of water (0.04% or 400 ppm)	10 min	Immersion / each piece
Natural gut casing	2 mL/5 L of water (0.04% or 400 ppm)	15 min	Immersion / each piece or section
Slaughter or process chicken	2 mL/5 L of water (0.04% or 400 ppm)	5 - 10 sec.	Immersion / each piece
Slaughter or fresh meat	2 mL/5 L of water (0.04% or 400 ppm)	15 min	Misting / each piece

- Does not change the smell, color, flavor of products
- Extends shelf life
- Nontoxic
- Heat stable
- Effectiveness does not depend on pH

- Wide aspect antimicrobial
- Compatible with other preservatives
- Biodegradable
- Kosher Certified

Sushi

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CitroBio Applications:

- Wash for vegetables, shrimp, salmon, tilapia, catfish, red snapper, crab, trout, clams, red drum, oysters, bass and many more
- All products can be treated and packed in ice with CitroBio to provide an ongoing treatment during shipping

For Sanitizing:

- CitroBio is completely biodegradable and Kosher.
- It can be used on all types of food and surfaces, it does not change the flavor, color, or smell of food
- Use on all processing equipment, utensils and floors

Suggestions:

- Apply the previously dissolved product in fresh or deionized water
- Prepare mixtures and dilutions of the product in clean receptacles

Precautions:

- Avoid contact with eyes. In case of contact, rinse with warm water. If irritation occurs, contact a physician.



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Seafood

CitroBio:

The most effective, natural preservative for ALL Seafood from catch to table...

- Safer, cleaner
- Extends shelf life
- Eliminates the use of toxic products in the food process
- Completely biodegradable
- Natural germicide and fungicide
- Soluble in fresh and salt waters, oils, and waxes
- Controls and reduces odors

Reduces the risk of food poisoning and cross-contamination:

- | | |
|------------------------|--------------------------|
| • E. Coli | • Harmful microorganisms |
| • Salmonella | • Parasites |
| • Listeria | • Bacteria |
| • Staphylococcus, etc. | • Fungi |

Can be used from catch through processing on all types of surfaces:

- Spray mist solution on seafood
- Titrated from the main water source into the seafood processing water supply lines
- Used in holding tanks, reducing the need for biosulphates and other toxic chemicals
- Used in washing / holding tanks
- Apply to seafood prior to final packing and shipping
- Keeps pink appearance on shrimp
- Used prior to cooking as a final precaution, no need to rinse



All CitroBio products are liquid formulations derived from citric natural ingredients which act by destroying the cell membranes of microorganisms. The germicide and bactericide power is due to the synergistic reaction of Ascorbic Acid (Vitamin C) with natural acids. This gives our products unique physical and biological properties.

The active ingredients are citrus fruit extracts as well as several other vitamin supplements which are all approved by the FDA / GRAS Generally Recognized As Safe ingredients.

Produce

CitroBio helps farmers bring the best and safest produce to consumers

- Add superior freshness
- Controls bacteria
- Extends shelf life
- Keeps color vibrant
- Maintains clean smell
- Kosher certified
- GRAS/FDA Ingredients
- No rinsing is necessary
- Does not change color or flavor



To treat fruits and vegetables:

- Metric system: Use 1.5 to 2 ml per 5 liters of pure water
- Or use 1/4 oz per 5 gallons of water. Using CitroBio 100%
- Contact time: 10-15 min
- No rinsing is necessary



Can be used on all types of fruits and vegetables and to clean surfaces:

- Wash vegetables
- Wash fruits
- Spray fruits and vegetables
- Add to juices and jams
- Spray cutting boards and clean glass containers
- Clean equipment and facilities that are potentially in direct food contact surfaces
- Clean freezers, walls and ceilings



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Cleaning

CitroBio Properties:

- Controls bacteria for a prolonged period of time
- Maintains clean smell
- Completely biodegradable
- Kosher Certified
- FDA/GRAS ingredients
- Effective against Gram-positive and Gram-negative bacteria
- Third party FDA-approved labs clearly demonstrated effectiveness against E. Coli, Salmonella, and Listeria



CitroBio Uses:

- Cleans slaughter area product-contact surfaces prior to operation
- Cleans equipment and facilities that are potentially in direct food-contact surfaces
- Cleans all food transport equipment
- Cleans freezers/coolers
- Cleans floors, walls, and ceilings
- Cleans tools, aprons, and boots
- Use in holding tanks



Directions for Usage

To clean floors, ceilings, surfaces, walls, etc:

- Use 1/4oz of CitroBio 100% and dilute with 5 gallons of water
- Spray solution, no need to rinse (solution is non-corrosive)

