**Tsunami 100™**

Water Additive for Pathogen* Reduction in Fruit and Vegetable Processing Water and Controlling the Growth of Spoilage and Decay Causing Non-Public Health Organisms on Fruit and Vegetable Surfaces

For Organic Production

Tsunami 100 may be used as a water additive in fruit and vegetable processing water on products labeled as organic in food processing facilities on both raw agricultural commodities and on fruits and vegetables that will be further processed.

**ACTIVE INGREDIENTS:**
- Peroxyacetic acid ........................................ 15.2%
- Hydrogen peroxide ........................................ 11.2%

**INERT INGREDIENTS:** ........................................ 73.6%

**TOTAL:** .................................................. 100.0%

**KEEP OUT OF REACH OF CHILDREN**
MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS

**DANGER | PELIGRO**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
CORROSIVE: Causes severe eye damage and skin burns. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear chemical goggles, rubber gloves, and protective clothing if handling concentrate. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, or using tobacco. Remove any contaminated clothing and wash before re-use.

**FOR INDUSTRIAL USE**
STRONG OXIDIZING AGENT

**STORAGE & DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Product should be kept cool and in a vented container to avoid any explosion hazard.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat procedure two more times. Then offer for recycling or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

**FIRST AID**

IF ON SKIN OR CLOTHING: Take-off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.

FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-650-222-5352 (IN THE USA). Have the product container or label with you when calling poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

**PHYSICAL AND CHEMICAL HAZARDS:**

Strong Oxidizing Agent: Corrosive. Do not use in concentrated form. Use only with water according to label instructions. Never bring concentrate in contact with other sanitizers, cleaners, or organic substances.

**PRINTER NOTES:** Dieline Layer in this Document when needed.
**FOR TREATMENT OF FRUIT AND VEGETABLE SURFACES AND PROCESS WATERS:**

This product is not intended for control of any public health organisms on fruit and vegetable surfaces. Mix Tsunami 100 with water either batch-wise or continuously to produce about 36-575 ppm total product and about 5-80 ppm peroxyacetic acid in use solution. This can be accomplished by initially adding Tsunami 100 at a rate from 0.42-6.7 fluid ounces per 100 gallons of process water. The fruits and vegetables can be sprayed or submerged in the resulting solution for a minimum contact time of 90 seconds, followed by adequate draining. At this use dilution, Tsunami 100 will control the growth of spoilage and decay causing non-public health organisms, including odor causing organisms, in process waters and on the surface of fruits and vegetables.

**Vegetables**
- Root and tuber vegetables: Carrot, potato, radish, rutabaga, sweet potato, yam, sugar beet
- Leaves of root and tuber vegetables: Turnip greens, and sugar beet
- Bulb vegetables: Onion (dry bulb and green), leek, garlic, shallot
- Leafy vegetables: Lettuce (head and leaf), celery, fennel, endive, escarole, parsley, radicchio, rhubarb, spinach
- Brassica leafy vegetables: Broccoli, Brussel sprouts, cabbage, cauliflower, mustard greens, mustard spinach
- Legumes (suculent or dried): bean (green, kidney, lima, mung, navy, pinto, snap, wax), pea (chickpea, lentil, Warwick), garden, English, field, edible pea pod, alfalfa, and soybean
- Fruiting vegetables: Pepper (bell, pimento, hot, sweet), tomato, tomatillo, eggplant
- Cucurbits: Cucumber, melon (cantaloupe, crenshaw melon, honeydew, honey ball melon, mango melon, muskmelon, pineapple melon, watermelon), summer squash, pumpkins, winter squash

**Fruits**
- Citrus fruits: Sweet and sour orange, lemon, lime, tangelo, tangerine, mandarin, citrus citrus, kumquats, grapefruit
- Pome fruits: Apples and pears
- Stone fruits: Sour and sweet cherry, peach, nectarine, plum, prune
- Small Fruits and berries: Blackberries, blueberries, and red raspberries

**Sprouts and seeds of:** vegetables and fruits that are listed on this label including, root & tuber vegetables, bulb vegetables, leafy vegetables, brassica leafy vegetables, legumes, fruiting vegetables, cucurbits, citrus fruits, pome fruits, stone fruits, small fruits and berries, mustard

**Tree nuts:** Almond, Brazil, filbert, cashew, pecan, walnut (black & English), macadamia, chestnut

**Cereal grains:** Corn, barley, oats, rice, wheat, triticale, wild rice, sweet corn

**Herbs and Spices:** Basil, chives, coriander, dill, lemongrass, marjoram, sage, savory, tarragon, thyme

**Miscellaneous:** Asparagus, avocado, artichoke, banana, cranberry, fig, grape, kiwifruit, mango, mushroom, okra, peanut, persimmon, pineapple, raisins, strawberry, water chestnut, watercress, coffee berry, coffee bean, seaweed

**FOR TREATMENT OF SEEDS NOT INTENDED FOR HUMAN OR ANIMAL CONSUMPTION:**

Apply seeds as directed to control seedborne microorganisms that cause plant disease or spoilage and delay of developing seedlings. Only treat seeds of the crops listed on this label. Mix Tsunami 100 with clean water either batchwise or continuously to no more than 11,500 ppm total product (1750 ppm residual peroxyacetic acid) in use solution. This can be accomplished by adding 20 fluid ounces Tsunami 100 per 16.4 gallons of water. The volume of treatment solution should be at least twice greater than the volume of seeds to be treated. The seeds should be submerged in the treatment solution and agitated for 30 minutes. Following treatment, remove seeds from treatment solution and dry.