

PEROXYACETIC ACID

Rev. 04/08

For use in circulation cleaning and acid washing of previously cleaned non-porous food contact surfaces and equipment such as tanks, pipelines, evaporators, fillers, pasteurizers, aseptic equipment in:

Dairies, Wineries, Breweries and Beverage Plants.

Food Processing/Packing Plants.

Meat and Poultry Processing/Packing Plants.

Egg Processing/Packing Equipment Surfaces.

Seafood and Vegetable Processing/Packing Plants.

Eating Establishments.

❖ **BENEFITS**

- ❖ Excellent non-foaming action at low concentrations.
- ❖ Effective at low temperatures.
- ❖ Non-absorptive in materials of plant construction.
- ❖ Upon use, active ingredients breakdown into water, oxygen and acetic acid.

❖ **DESCRIPTION**

PEROXYACETIC ACID is an equilibrium solution of two active ingredients-peroxyacetic acid and hydrogen peroxide. PEROXYACETIC ACID has been formulated for use in the circulation cleaning and final acid rinse of equipment such as tanks, pipelines, evaporators, fillers, pasteurizers, and aseptic equipment in dairies, wineries, breweries and beverage plants. When properly diluted, meets the specifications for an indirect food additive in accordance with 21 CFR 178.1010 (b) (30) and (c) (25).

❖ **PROPERTIES**

CHEMICAL	% BY WEIGHT	PHYSICAL	
Peroxyacetic Acid	5.1%	Melting/Freezing Point	-25.9° C
Hydrogen Peroxide	21.7%	Vapor Pressure	22 mm Hg
Inert Ingredients	73.2%	Odor	strong pungent
Active oxygen content	11.3%	Appearance	colorless liquid
		pH (1% solution)	2.5
		Solubility in water (20°C)	100%
		Density (lbs./gal)	9.17

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❖ GENERAL USE DIRECTIONS

For use as a final rinse on equipment such as tanks, pipelines, evaporators, fillers, pasteurizers, and aseptic equipment in dairies, wineries, breweries, and beverage plants.
Clean equipment immediately after use.

Remove gross particulate matter with a warm water flush. Wash equipment with detergent or cleaning solution. Rinse equipment with potable water. Prepare peroxyacetic acid solution as follows: Add 1.6 to 1.9 ounces to 5 gallons potable water. This will provide 128 to 152 ppm peroxyacetic acid and 550 to 644 ppm hydrogen peroxide. Fill closed systems with prepared solution at a temperature of 5°C (45° F) to 40°C (104° F) and a contact time of one (1) minute. Allow surfaces to drain thoroughly before resuming operation.

❖ SAFETY

DANGER: CAUSES SEVERE BURNS TO SKIN AND EYES. HARMFUL OR FATAL IF SWALLOWED.

Contains Peracetic Acid and Hydrogen Peroxide. Avoid contact with skin, clothing or eyes. Wear eye protection and rubber gloves when handling this product. Do not breathe vapor or mist. Use a respirator if working in enclosed areas. Do not mix with alkali or caustic compounds. Do not use on soft metals. SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

FIRST AID:

For Eyes: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes. Then continue rinsing. Call Poison Control Center or doctor for treatment advice.

If Swallowed: Call Poison Control Center or doctor immediately for treatment advice. Have person sip on a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Control doctor. Do not give anything to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call Poison Control Center for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.