



Tech

Technical Data

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Crimson PAA (5.6%)

GENERAL DESCRIPTION:

Crimson PAA is a stabilized, equilibrium mixture of peracetic acid, acetic acid, hydrogen peroxide, and water. Peroxyacetic acid is one of the most powerful microbiocides and is active against a wide variety of micro-organisms including anaerobic and aerobic bacteria, bacterial spores, yeasts and other fungi. As a food grade sanitizer, Crimson PAA is suited for dairy and food/beverage applications.

BENEFITS:

- ◆ Fast acting
- ◆ Non foaming at low concentrations
- ◆ Effective at low temperatures
- ◆ No rinse sanitizer on food and beverage processing equipment
- ◆ General purpose hard surface disinfectant
- ◆ Bacteria & Slime (deposit) control in water treatment applications

PROPERTIES:

- ◆ Appearance: Colorless liquid
- ◆ pH (1%) solution: 2.8
- ◆ Solubility in water (20°C): complete
- ◆ Odor: pungent vinegar-like

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.

STORAGE & HANDLING:

Store in cool conditions, away from direct sunlight. Keep containers sealed when not in use. Store away from incompatible materials. Danger of decomposition if the product is in a closed container or unvented system.

Maximum storage temperature - 30°C

Recommended storage temperature - 15°C

Contact with brass, bronze, copper, iron, lead, manganese, nickel, silver, zinc and other catalytic metals accelerates decomposition to oxygen, gas and heat. Therefore, these materials must be absent in transfer pumps and pipes. Contact of the concentrated material with natural and synthetic rubbers should be avoided.

The only materials of construction recommended for contact with are stainless steel 304L, 316L, PTFE, PVDF and glass. Soft PVC and polythene are suitable for short periods. The shelf life is 6 months under recommended storage conditions. Longer periods of storage may result in a loss of peroxyacetic acid content.

[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)