



RiiVAL

(PAA SANITIZER)

GENERAL DESCRIPTION

RiiVAL (PAA) is a broad spectrum sanitizer that has been formulated for use in the circulation cleaning and sanitizing of equipment such as tanks, pipelines, evaporators, fillers, pasteurizers, and aseptic equipment in dairies, wineries, breweries and beverage plants.

PHYSICAL PROPERTIES

APPEARANCE: colourless liquid
FOAMING: none at low concentrations

pH (1% solution): 2.5
SOLUBILITY IN WATER (20°C): 100%

ODOR: strong/pungent
DENSITY: 1.1 kg/L

BENEFITS

- Excellent non-foaming action at low concentrations
- Effective against a variety of microorganisms
- Non-corrosive to most food and beverage systems
- Non-absorptive in materials of plant construction
- Effective at low temperatures
- Upon use, active ingredients break down into water, oxygen and acetic acid

DIRECTIONS FOR USE:

Sanitizing Food Contact Surfaces: Clean equipment immediately after use.

Wash equipment with recommended FSA detergent or cleaning solution. Rinse equipment with potable water. Prepare sanitizing solution as follows: Add 3.2-4.4 mL per litre of potable water. This will provide a minimum of 160-220 ppm peroxyacetic acid. Fill closed systems with diluted sanitizer solution at a temperature between 5°C (45°F) and 40°C (104°F) and with a minimum contact time of one (1) minute. Allow surfaces to drain thoroughly before resuming operation.

CAUTION

PAA is safe to use on aluminum and stainless steel. Do not use on mild steel, copper, or galvanized. RiiVAL is corrosive to mild steel, copper, or galvanized.

continued on next page



PAA solutions which are actively decomposing are potentially hazardous. Observe the following precautions to prevent decomposition:

Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. Never return unused portions of sanitizer to the original container. Do not store near combustible materials.

Store only in the original vented containers. To ensure proper venting, keep drums upright and do not stack. Keep drums closed when not in use. Avoid damage to containers.

SAFETY

When handling concentrated chemicals, follow the guidelines listed in the Safety Data Sheets (SDS). PPE must be worn at all times. Avoid eye and skin contact. Any direct contact with eyes can cause irreversible damage due to the strong oxidizing nature of PAA. Always use in a well ventilated area.

STORAGE

To maintain product quality, store PAA at or below 86°F (30°C). Do not store RiiVAL in direct sunlight. Provide good ventilation of storage areas.