



# TECHNICAL DATA SHEET

## REFLEX HIGH ACIDITY ACID SANITIZER RINSE

### DESCRIPTION

REFLEX™ is a new generation no-rinse one step acid sanitizer used in the dairy, food and beverage processing industry for CIP and COP pipeline, silo, tank and equipment cleaning and sanitizing processes. With regular use REFLEX™ will prevent the formation of milkstone, beerstone and lime scale deposits. Primarily for use on stainless steel and plastic materials. It is safe to store REFLEX™ in stainless steel tanks. Do not use on aluminum.

REFLEX™ has a high oxidation potential and is very reactive. It exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. REFLEX™ contains no phosphates. Product is stable for a minimum of 6 months under normal conditions. It ultimately degrades to nitrogen, oxygen, water, and acetic acid (vinegar).

- No phosphates
- No rinse needed on food/beverage contact surfaces
- Peroxygen chemistry leaves no residues
- Nitric acid becomes nitrate in wastewater
- For land discharges, the nitric component reverts to nitrogen
- Reduces CIP process times and reduces water use
- Economical use at 1 fluid ounce per 6 gallons of hard water

### DIRECTIONS (see product label for all applications)

- **Processing equipment Tanks, Vats:** Dilute 1.0-3.0 fl. oz of this product in 6 gallons of water (providing 95-286 ppm active peroxyacetic acid). Do not exceed 140°F of the sanitizing solution. Expose equipment to the sanitizing solution for a minimum of 1 minute. Increased circulation times will improve microbiological and/or mineral scale removal results. Adequately drain solution from equipment before resuming operations. A water rinse is not necessary.
- **Final Sanitizing Beverage Container Rinse:** This product may be used a
- a final sanitizer rinse for returnable and nonreturnable beverage containers. Allow for adequate draining after the sanitizing rinse. Use this product at 1-3 fl oz per 6 gallons of water (providing 95-286 ppm active peroxyacetic acid).
- Consult your Ace representative, or contact Ace Chemical Products, Inc. at (800) 248-8515.

### PROPERTIES

Peracetic acid (% weight)	6.0 – 6.6
Form	Liquid
Color	Colorless
Odor	Pungent, vinegar
Hydrogen peroxide (% weight)	22.0 – 24.4
Total acidity	>18% as nitric acid
Density	1.20
pH of a 10% solution	2
Flash point (DIN 51584)	>98° C (207° F)

**Special considerations and notes:** Contamination of the product, especially metal ions (such as brass, copper or iron) and alkali, must be avoided. It is a violation of federal law to use this product in a manner inconsistent with its labeling.



**Always observe label statements and follow the information contained in our Safety Data Sheets (SDS).**

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