

AC-3-E™



PRODUCT DESCRIPTION

AC-3-E is a non-foaming liquid acid detergent formulated for circulation and surface cleaning of dairy and all 304/316 stainless steel food processing equipment.

BENEFITS

Promotes Quality Assurance

- Enhances finished product quality and shelf life when used in a total Ecolab product and professional services program.
- Maintains effectiveness even at high cleaning temperatures for superior cleaning.
- Rapidly penetrates and dissolves milkstone, mineral, and hard water scales.
- Neutralizes, softens and removes tough baked-on soils.

Saves Time and Money

- Concentrated to provide optimal use-cost performance.
- Non-corrosive to 304/316 stainless steel at recommended use dilutions.
- Non-foaming formulation for efficient hot or cold spray and circulation cleaning.

Environmentally Responsible

- Application of AC-3-E helps ensure reduced phosphorus levels while delivering cost effective cleaning performance.

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PROPERTIES

Form	clear liquid	Acidity calculated as	
Color.....	orange to red	Nitric acid	32.8%
Odor.....	slight nitric	Acidity calculated as Phosphoric	
Foam	none	Acid	25.5%
pH of 1.0% solution:	1.3	Specific gravity at 68°F	1.176
		Pounds/Gallon:	9.8 (4.4 kg)

Formula ingredients contain not more than 3.7% phosphorus, 1.0 g per gallon of average recommended use concentration.

TO USE

For acidified rinse program on all stainless steel equipment, use 1 oz. of AC-3-E per 5 gallons (1.56 mL/L) (1500 ppm) of cold water where applicable. Concentration may need adjustment depending on alkalinity of water and alkaline wash residual in circuit. Acid rinse pH should be 4-5.

For cleaning of HTST units, use AC-3-E at a concentration of 1.0% circulating for 45 minutes at 160°F (71°C). This product can be used for override or conventional cleaning of this equipment at this concentration. For override program, follow with alkali wash at 1.5% caustic titration at 175°F (79°C) circulated for one hour, rinse with potable water.

In COP tanks, use 1 ounce AC-3-E per 5 gallons (1.56 mL/L) cold water for 10 minutes for acidified rinse.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

STATEMENT OF ASSURANCE

This product is safe and effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP). This product will not adulterate food product provided that before using it, food products and packaging materials are removed from the room or carefully protected and after using these compounds, surfaces are thoroughly rinsed with potable water.

A Letter of Guaranty as indicated in USDA's Sanitation Performance Guideline is available from your Ecolab representative.

FOOD & BEVERAGE DIVISION

Ecolab Inc.
370 Wabasha Street N.
St. Paul, Minnesota 55102-1390 U.S.A.
www.ecolab.com 1-800-392-3392

