



Mandate™

PRODUCT DESCRIPTION Unique patented low-foaming acid sanitizer designed for automated CIP systems.

BENEFITS

Saves Time

- ▲ Convenient to use - performs two functions in one application.
- ▲ Superior sheeting action provides spotless, film-free sanitary equipment.

Promotes Quality Assurance

- ▲ Enhances finished product quality and shelf life when used in a total Ecolab product and professional services program.
- ▲ Ideal for CIP application where a separate sanitizing step is difficult or impossible.
- ▲ Non-corrosive to stainless steel equipment at recommended use concentrations.

Environmental Implications

- ▲ Product contains no iodine, chlorine or quats.
- ▲ Sanitizes during the acid rinse cycle, reducing water volume and related changes during clean-up.

Mandate™

PROPERTIES	Form	liquid	ACTIVE INGREDIENTS:	
	Color	clear yellow	Phosphoric Acid	23.8%
	Odor	fatty acid	Citric Acid	20.0%
	Foam	low	Octanoic Acid	6.0%
	Wetting ability	good	Decanoic Acid	2.0%
	Spec. Grav. @ 68°F (20°C).....	1.273	INERT INGREDIENTS	48.2%
	Pounds per gallon ...	10.62 lbs. (4.82 kg)	TOTAL	100.0%
			U.S. Patent No. 4,404,040	
			EPA Reg. No. 1677-90	

pH - 0.13% (1 oz/6 gals. use concentration) = 2.5 to 3.5

DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Dairy and Food Processing Equipment, Tanks, Vats, Pails, Pipelines and Closed Systems – Clean all surfaces thoroughly with proper detergent and rinse with water. Sanitize equipment prior to use. Use immersion, circulation or coarse spray sanitizing techniques as appropriate. For sanitizing by immersion or circulation, use Mandate at 1 ounce to 6 gallons of water. For coarse spray sanitizing, use Mandate at 1 ounce to 3 gallons of water. All surfaces should be exposed to the sanitizing solution for a period of not less than 2 minutes. Drain thoroughly and then air dry. Continual use of Mandate at 1 ounce to 6 gallons of water will prevent the formation of milkstone or mineralstone on processing equipment.

Note: For Mechanical Operations prepared use solutions may not be reused for sanitizing, but may be reused for other purposes such as cleaning.

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 effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP).

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

World Headquarters

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