STERIS®

FOAM 240®
ACID-BASED PROCESS & RESEARCH CLEANER
TECHNICAL DATA

GENERAL DESCRIPTION

Foam 240 Acid-Based Process & Research Cleaner is a high-performance, concentrated acidic cleaner with excellent descaling and dispersing properties. When used with suitable foaming spray equipment, this product develops clinging foam to increase cleaning contact time and to reduce overall labor costs. Foam 240 cleaner is particularly effective in pharmaceutical and cosmetic manufacturing pilot laboratories and animal research facilities. This product is intended for use on internal and external processing equipment, laboratory equipment and facility surfaces, such as walls and floors. When used as directed, the product can be safely used on most common types of metal and plastic surfaces.

FEATURES	BENEFITS
Acid compatible surfactant system	Excellent cleaning with one self-foaming product. No additives required.
High-foaming system	Enhanced contact time allows more effective cleaning of difficult-to-remove residues and scales
Free-rinsing formula	Minimizes detergent residues and overall cleaning time

PHYSICAL PROPERTIES

Form ..... Light yellow, clear liquid
Odor ..... Slight chemical
Specific gravity (77°F [25°C]) ..... 1.31, typical
pH (undiluted) ..... <1.0, typical
pH (1% w/w) ..... 1.9, typical
Solubility ..... Complete
Foam ..... Clinging foam
Rinsing ..... Excellent

DIRECTIONS FOR USE

For economical, effective foam application, the product should be used at 2-3 oz/gal (1.6-2.3% $^{V}/_{V}$) in suitable pressurized foam equipment. For general spray, the product can be used at 2-16 oz/gal (1.6-12.5% $^{V}/_{V}$), depending upon the particular application. STERIS will help you establish the optimum operating criteria for your application and can recommend suitable foaming equipment to meet your specific application needs.

TESTING FOR FOAM 240

Use Test Kit EQ1411 with Indicator A and Alkali 3.

Concentration ounces per gallon	(1.6%) 2.0	(2.0%) 2.5	(2.4%) 3.0	(2.8%) 3.5	(3.2%) 4.0
Drops of Alkali 1	15	18	21	24	28

Test Kit EQ1411 contains Alkali 3 (3N NaOH) and Indicator A (phenolphthalein). The small vial (9 cc) that comes with the kit is used to measure the sample solution. This solution is then transferred to the large vial. Add 1-2 drops of Indicator A. This solution should be colorless. When titrated with Alkali 3, the solution should change from colorless to pink in color and stay pink in color upon swirling. The number of drops required to complete the titration is counted and recorded. A control using the Indicator A and make-up water should be run and subtracted from that value.

STORAGE AND DISPOSAL

Storage

This product should be stored in an area where it is not exposed to extreme temperatures.

Disposal

Flush with plenty of water to the sanitary sewer. Dispose of in accordance with local, state and federal regulations.

SERVICE

Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

Information concerning human and environmental exposure may be reviewed on the Material Safety Data Sheet (MSDS) for the product. For additional information, call 314-535-1395.

For further information, please contact:

STERIS®

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