

ZYMIT[®]

LOW-FOAM ENZYME CLEANER



FEATURES & BENEFITS:

A neutral pH, synergistic dual-enzyme and detergent formula that removes protein- and starch-based soils. Zymit Low-Foam is used to clean diagnostic and surgical instruments, endoscopes and other medical devices, labware, photographic film equipment, hospital and daycare furnishings, and many other surfaces.

- Free rinsing
- Highly concentrated – economical
- Easy-to-mix liquid
- Validation methods available
- NSF certified USDA A1 cleaner
- Orally non-toxic
- A safe alternative to caustic cleaners and solvents

CLEANING METHODS: • CIP • COP • Manual • Ultrasonic • Machine washing • Pressure washing

SOILS REMOVED:

Target soils include gelatin-based adhesives, food, grass, blood, fat, sweat, mucous, tissue, feces, sebum, and starches such as polysaccharides.

Appearance	Clear, colorless to pale yellow
Biodegradable	No
Chelant	None
Phosphate free	Yes
Corrosive	No
Foam	Low
Odor	Slight fermentation
pH, neat	7.5
pH, 2%	8.1

VOC (ASTM D2369)	17.9%
Specific gravity	1.050
Cloud point °C	77.0
Pour point °C	-11.5
Freezing point °C	-8.0
Boiling point °C	100
Flash point	Not applicable
Storage temperature range	32° - 110°F / 2° - 43°C

TECHNICAL DATA SHEET



International Products
CORPORATION

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DIRECTIONS:

Cleaning tasks tend to require individualized procedures that are developed empirically, however, the following general points pertain to most applications. The cleaners are concentrates and should be diluted with water before use - 1.0% to 2.0% cleaner in water is recommended. Experiment with controllable variables, including the temperature of the solution, dwell time, the type of cleaning action, the concentration of detergent in the solution, and the type of water used. A thorough rinsing or flushing step should follow cleaning. For critical cleaning applications use deionized or distilled water. For food contact surfaces, rinse with potable water. For proteinaceous soils, protease enzymes are most effective between 45-55°C. For starchy soils, amylase enzymes are most effective at 70°C and above.

STORAGE:

Store between 2° - 25° C (36° - 77° F) in a cool, dry, well-ventilated area. Protect containers from sunlight and keep closed when not in use. Use only stainless steel, polyethylene, or plastic-lined containers for storage. The shelf life of Zymit® Low-Foam is 2 years from the date of manufacture.

DISPOSAL:

Unused, Zymit® Low-Foam is not hazardous waste. However, once contaminated with soils through the cleaning process, it is the responsibility of the user to determine whether the waste is hazardous, and requires special disposal procedures. Please refer to the SDS for details.

CLEANING DILUTION CHART:

To Determine How Much Cleaner to Use...

1. Use the table below and find the size of your cleaning tank.
2. Select a concentration of cleaner that works for your application.
A solution of 1-2% cleaner in water is a recommended starting point.

U.S. TANK SIZES (concentration of cleaner)				
Tank Size	0.5%	1.0%	2.0%	5.0%
1 Quart	1/6 ounce	1/3 ounce	2/3 ounce	1½ ounces
1 Gallon	2/3 ounce	1¼ ounces	2¾ ounces	6½ ounces
3 Gallons	2 ounces	3¾ ounces	7¼ ounces	19¼ ounces
5 Gallons	3¼ ounces	6½ ounces	12¾ ounces	1 quart
10 Gallons	6½ ounces	12¾ ounces	25½ ounces	2 quarts
25 Gallons	16 ounces	1 quart	2 quarts	1¼ gallons
50 Gallons	1 quart	2 quarts	1 gallon	2½ gallons
100 Gallons	2 quarts	1 gallon	2 gallons	5 gallons

SIZES AVAILABLE:

Z-9701-12	Z-9720	Z-9790
1 liter container (12 per case)	21.0 kg net wt. container	210 kg net wt. plastic drum