



Micro-Zyme L (AFCO 4415)

GENERAL DESCRIPTION

Micro-Zyme L (AFCO 4415) is a liquid enzyme cleaner that was developed for CIP cleaning Thin Film Composite membranes in Reverse Osmosis, Ultrafiltration and Nanofiltration systems. Unlike most powdered enzyme membrane cleaners, this liquid formulation provides ease of use and product control through the use of automatic feed and metering (dispensing) equipment. AFCO 4415 is highly concentrated and cost effective due to its comparatively low usage rate. AFCO 4415 is effective in the removal of proteinaceous soils and fat-based soils. AFCO 4415 is used with Micro-Quest L (AFCO 4420) for optimum enzyme function (buffer systems) and additional soil dispersing and mineral control (e.g., Calcium phosphate).

AFCO 4415 may also be used as a high foaming liquid enzyme detergent for open plant cleaning of food and non-food contact surface in combination with Micro-Quest L (AFCO 4420) in all food-processing facilities. Rinse food contact surfaces after use.

PHYSICAL PROPERTIES

Appearance	:	Clear, pale amber liquid
pH (1% solution)	:	6.5 to 8.0
Specific Gravity	:	1.05
Composition	:	Proteolytic enzyme, enzyme stabilizing and quality control agents, blend of soils suspending, solubilizing and wetting agents.
Shelf Life	:	6 Months

DIRECTIONS FOR USE

Usage will vary depending upon soil conditions and other variables.

For Membrane Cleaning:

Standard recommendation is approximately 1 fluid ounce of AFCO 4415 per 4 gallons (8mL/4L) of water. Follow membrane manufacturer's recommendations for pH limits, adjust usage accordingly.

For Open Plant Foam Cleaning:

Use 2 – 4 ounces of AFCO 4415 per gallon (16 – 32 mL/L) of water. Follow with a potable water rinse.

Consult an AFCO/Zep Technician for final usage determination.

TECHNICAL DATA SHEET

800 Development Ave. ▪ Chambersburg, PA 17201 ▪ 1-800-345-1329 ▪ www.afcocare.com



SAFETY

DANGER! Causes skin irritation and serious eye irritation. May cause asthma or breathing difficulties if inhaled. Consult the product's Safety Data Sheet (SDS) for complete safety information.