

Technical Product Bulletin

CLENZYME

CLENZYME is a surfactant-based enzyme product designed for proteinaceous soil and stain removal in the laundering process. It can be used in the washwheel or as part of a soak system and is effective on grass, blood, mucous, feces, albumen, and various food soils. CLENZYME's active enzyme disperses through a cationic carrier allowing for focalized migration to soil and stain areas.



Performance

CLENZYME contains a proteolytic enzyme, a non-pathogenic organism capable of hydrolyzing the peptide bonds within a protein molecule. The peptides thus produced are easily soluble or dispersible in the washing liquor. CLENZYME is remarkably effective under highly alkaline conditions and across a wide range of temperatures typical in the laundering environment.

Because of its dispensing characteristics, CLENZYME's response time is accelerated and well within the time constraints of existing wash formulas.

The product lends itself readily to laundering applications in the healthcare field and other linen applications involving proteinaceous soil removal.

Advantages

- Highly stable in storage conditions.
- Low usage rates, highly active.
- Allows for reduced use of alkali and bleach.
- Effective in temperatures from 70°–160°F and both hard and soft water.
- Deodorization.
- Readily soluble in all concentrations.

Directions

Institutional (diapers, sheets, pads, towels, etc.): Use 6–8 ounces per 100 pounds of wash in the break operation with standard washing supplies.

Linen/industrial garments: Use 6–10 ounces per 100 pounds of wash in the break operation with usual washing supplies.

Notes: (1) Alkali, built detergent, and bleach dosages should be re-checked for a reduction in use.
(2) Using simultaneously with peroxide or chlorine will adversely affect enzyme life.

Soak (for heavily-stained and other rejected items): Use 2–4 ounces of CLENZYME per 10 gallons of soak water and a minimal amount of alkali and surfactant.

Packaging

CLENZYME is available in 4x1-gallon cases and 5- and 15-gallon containers.