

Technical Product Bulletin

CITRAZYME

CITRAZYME is a one-shot, mildly built powdered detergent containing an oxygen bleach, a low-temperature bleach catalyst, a select choice of enzymes that removes body oils, food stains, blood, albumen, and other bodily secretions, and a citrus extract for oil and grease stains.

Pariser designed CITRAZYME specifically for professional shirt launderers. This unique merging of enzyme technology with lower-temperature wash chemistry allows for an effective balance of energy-efficient washing with broad-spectrum stain removal characteristics.



Performance

CITRAZYME utilizes a safe-to-color oxygen bleaching component in conjunction with a low-temperature bleach catalyst effective in water temperatures of 120–140°F.

CITRAZYME also contains a non-toxic, non-pathogenic microorganism that produces enzymes capable of hydrolyzing a wide variety of triglyceride soils into free fatty acid, mono- and diglycerides, all of which are more soluble than the fatty substances in the wash liquor. The addition of a highly citrus solvent enables excellent oil and grease emulsification.

The enhanced dispersing characteristics have accelerated CITRAZYME's reaction time well within the time constraints of existing wash formulas. CITRAZYME is highly effective in hard water conditions and the range of temperatures typically found in on-premise laundries. Depending on the local rinse-water bicarbonate alkalinity levels, souring may or may not be necessary.

Advantages

- One-shot product.
- Highly stable in storage conditions.
- Low usage rates and high activity.
- Allows for minimal to no use of alkali.
- Effective in temperatures from 120–140°F in hard and soft water.
- Deodorization and pleasant re-deodorization characteristics.
- Readily soluble in all concentrations.
- Safe to dye-fast colors

Directions

Depending on soil conditions, dosage rates will range from 10–12 ounces per 50-pound load (approximately 100 shirts).

Packaging

CITRAZYME is available in 50-pound pails.