



CHEMICALS

## *PARISER INDUSTRIES. INC.*

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*Laundry  
Environmental  
Stewardship Program*

### **PROZYME**

#### **DESCRIPTION**

**PROZYME** is an innovative, one-shot, mildly built powdered detergent containing an oxygen bleach, a low temperature bleach catalyst, and a select choice of enzymes that beneficially help in the removal of body oils, food stains, blood, albumen and other bodily secretions.

**PROZYME** was specifically designed to be effective for professional shirt launderers. This unique merging of enzyme technology with lower temperature wash chemistry allows for effective balance and broad spectrum targeting over a broad range of soil classifications.

#### **PERFORMANCE**

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

**PROZYME** also contains a non-toxic, non-pathogenic microorganism, which 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 enhanced dispersing characteristics have accelerated **PROZYME's** reaction time well within the time constraints of existing wash formulas. **PROZYME** is highly effective in hard water conditions and the broad range of temperatures typically found in on-premise laundries.

Souring may or may not be necessary depending on the local rinse water bicarbonate alkalinity levels.

## **ADVANTAGES**

- One-Shot product
- Highly stable in storage conditions.
- Low usage rates, high activity
- Allows for minimal use of alkali.
- Effective in temperatures from 120°F to 145°F and in both hard and soft water.
- Deodorization
- Readily soluble in all concentrations.
- Safe to dye-fast colors

## **DIRECTIONS**

Dosage rates will range from 12 - 16 oz per 50 lb. load (approximately 100 shirts) depending on soil conditions..

## **PACKAGING**

**PROZYME** is packaged in 50 lb. pails.