



custom enzymes



## CUSTOM E – DET L

Custom Enzymes – Det L is a multi-enzyme liquid solution containing 5 enzymes that removes most natural organic stains from clothes and dishes at low temperatures. Many stains contain different ingredients of proteins, starches and fats, these are always difficult to remove for traditional washing detergents especially on a cool wash..

### Product Specifications

- Appearance: Yellowish coloured Liquid
- Miscibility: Miscible in water
- Working pH range: 7-10
- Working Temperature range: 20-60 deg C



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## Applications and Benefits

Custom E – Det L contains protease, amylase, lipase, cellulase and mannanase. With Det-L organic stains encountered in daily life can be a thing of the past.

Custom E – Det L is a biological catalyst that works in synergy with washing detergent. The multi-enzyme liquid compound will remove most modern stains encountered in daily life.

Primary Functions of Enzymes in: Custom E – DET L

**Protease:** Removal of protein based stains like grass, egg, blood, milk etc.

**Amylase:** removal of starch based stains like pasta, gravy, sauce, chocolate, etc.

**Lipase:** removal of edible fatty stains like butter, olive oil, sunflower oil, etc.

**Mannanase:** removal of stains from locust bean gum (E410) xanthan gum (E415) and guar gum (E412) used as thickeners for dressings, ice creams and cosmetics like lipsticks.

**Cellulase:** help to prevent pilling on fabrics. Removal of cellulase stains from cereals and porridges

## Dosage

Recommended dosage: 1-2% in final formulation, to be optimised based on requirements.

## Quality Certifications.

- ISO 9001: 2015
- Halal India
- ISO 22000: 2018
- DAR Kosher

## Safety and Enzyme Handling

Store Custom E – DET L in a cool, dry and shaded place, away from direct sunlight.

Enzyme dust may cause irritation when inhaled. Unnecessary contact with the product should be avoided. The shelf life of this product under recommended storage conditions is one year.

## Packaging

The product is available in 25kg and 50kg HDPE drums. The packaging can be customised as per requirement.

## Technical Assistance

Please contact us if you need more technical advice or assistance with this product