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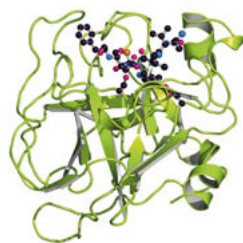


ENZYMES IN DETERGENT PRODUCTS ARE VERSATILE, BENEFICIAL AND SAFE.

For any further information please contact

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AMFEP represents the manufacturers
and formulators of enzyme products
www.amfep.org

A.I.S.E. represents the detergent
and maintenance products industry
www.aise.eu



Enzymes are used in everyday applications

Enzymes are protein molecules that are present in all living cells. Enzymes are versatile and indispensable in many applications in the food sector (to process dairy), the manufacturing of textiles (for fabric finishing) and in detergents and cleaning products. Enzymes produce no hazardous waste and are fully biodegradable.



Enzymes are safe in use

Enzymes meet the needs of modern society for convenience without compromising health and safety. They have a long history of safe use in detergent products. Allergies among consumers to enzyme-containing laundry and cleaning products have not been reported for over 50 years. Evidence involving many thousands of consumers has shown that the use of enzyme-containing detergents does not result in sensitisation to enzymes.

[> More about the function of enzymes in cleaning products](#)



Stain removal is essential for a circular economy

Enzymes have an essential function to effectively eliminate stains from fabric, allowing us to maintain and use our clothes for longer.

Left: Stain of tea with milk on a white shirt washed with a detergent without enzyme.

Right: Same stain removed in a single wash with the same detergent using a protease enzyme.

[> More about the versatility of enzymes](#)



Enzymes enable sustainable cleaning habits

Enzymes perform stain removal at low temperatures, making them a key contributor to sustainable cleaning habits. The most energy-intensive phase of doing the laundry or dishes is heating the water, but enzymes enable perfect washing results at low temperatures. In addition, compacted enzyme-based products need fewer other raw materials and therefore have a lower environmental footprint.

[> More about low temperature washing](#)