



ECOCONPACK LAUNDRY



PROQUIMIA
www.proquimia.com

WHAT DOES PROQUIMIA OFFER?

AT PROQUIMIA, WE MANUFACTURE AND MARKET CHEMICAL PRODUCTS PROVIDING INTEGRAL SOLUTIONS TO CONTRIBUTE TO THE PROGRESS OF INDUSTRIAL AND INSTITUTIONAL SECTORS AS WELL AS TO OUR CUSTOMERS' WELFARE.

Our specialization and value for service makes us one of the best established companies in our country, leader in the hygiene and chemical treatments industry nationwide.



Quality Certification ISO9001,
Environmental certification ISO14001 and
Occupational Health and
Safety Administration OHSAS18001





ECOCONPACK SYSTEM

UNBLEMISHED, CLEAN, FRESH SMELLING AND SOFT CLOTHES THAT DO NOT DETERIORATE OR BECOME GRAYISH OVER TIME ...

THIS IS THE GOAL OF ANY INDUSTRIAL AND OPL LAUNDRY.

But the developments in recent years in this sector, characterized by increasingly stringent demands in terms of cost reduction (chemical, water and energy consumption ...), safety and sustainability , has made crucial the search for maximum efficiency processes by optimizing resources and minimizing the impact on the environment, all that in order to ensure the survival and future competitiveness of companies.

Proquimia relies on **ECOCONPACK** to respond to the current needs in OPL laundries: a new washing system for all types of clothes, composed of a range of highly concentrated products presented in bag in box format and very efficient equipment based on the following advantages:

SAVINGS FOR THE LAUNDRY

EFFICIENCY IN THE WASHING PROCESS

COMMITMENT TO SAFETY

RESPECT FOR THE ENVIRONMENT

RANGE ECOCONPACK



ECOCONPACK



ALC Highly concentrated alkaline base, packed in sustainable bags, for pre-wash and main wash of all textiles. High degreasing and sequestering power. Combined with our enzymatic detergent ECOCONPACK ZYM, they become one unique and very efficient product inside the washing machine.

Box 10L

Ecolabel Register ES-CAT/039/001



ECOCONPACK



ZYM Concentrated, neutral enzymatic detergent packed in sustainable packaging, for pre-wash and main wash of all garments at low temperatures. May be used as one only product or combined with the alkaline base ECOCONPACK ALC becoming one unique and very efficient product inside the washing machine.

Box 10L

Ecolabel Register ES-CAT/039/001



CONPACK

OXI Bleacher based on active oxygen for all kind of white and colored clothing, packed in sustainable packaging, ideally suited to be used at low temperatures. Conpack Oxi is the oxidant compound of the washing system ECOCONPACK. Unscented product. Does not generate vapor emissions or unpleasant odors for the user.

Box 10L



ECOCONPACK



SOFT Highly concentrated scented softener. Highly performing, packed in sustainable packaging, suited for all fabrics and textile fibers. Reduces static cling on all garments and delivers a pleasant feeling of freshness and long-lasting softness beyond drying.

Box 10L

Ecolabel Register ES-CAT/039/001

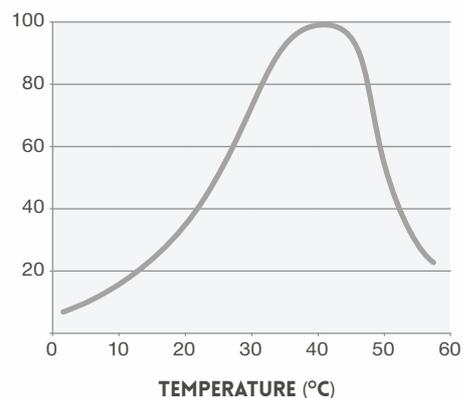
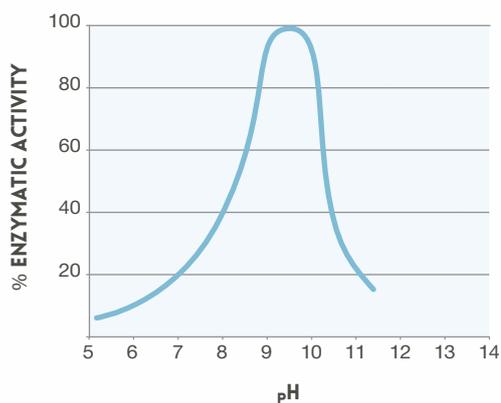


LIMIT
SWITCH
DETECTOR
Level alarm

ENZYMATIC TECHNOLOGY

- Increases washing efficiency (removes stains, reduces graying...)
- Reduces process costs thanks to the catalyzing action of the enzymes which accelerate the washing process and so cut down energy consumption
- Improves the hygiene level as the inhibiting action on the bacteria is increased
- Allows working at low temperatures and reduces water consumption
- Lower impact on the environment by the use of 100% biodegradable products. Phosphate free, adapted to low temperatures....
- Increases safety for the users by using products with neutral pH
- Extends life of the textiles and protects garments colors
- Extends service life of the equipment thanks to the use of less aggressive products

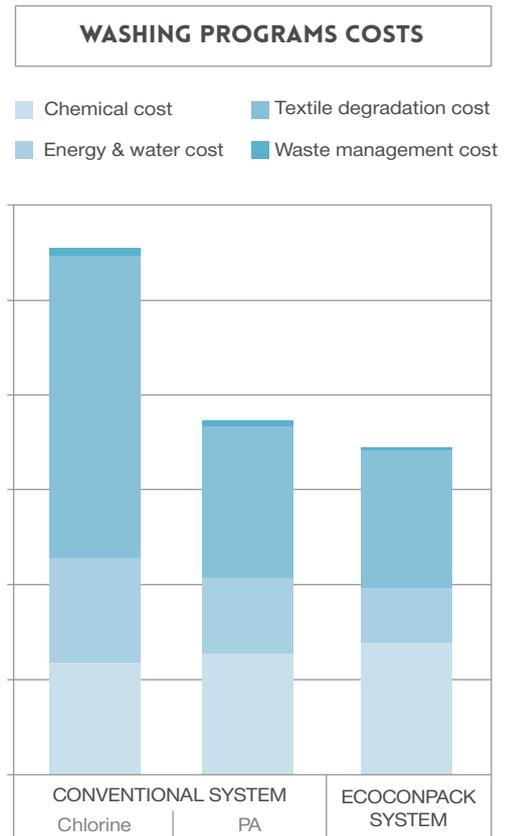
ENZYMATIC ACTIVITY IN THE DETERGENTS



ADVANTAGES ECOCONPACK

1 SAVINGS FOR YOUR BUSINESS

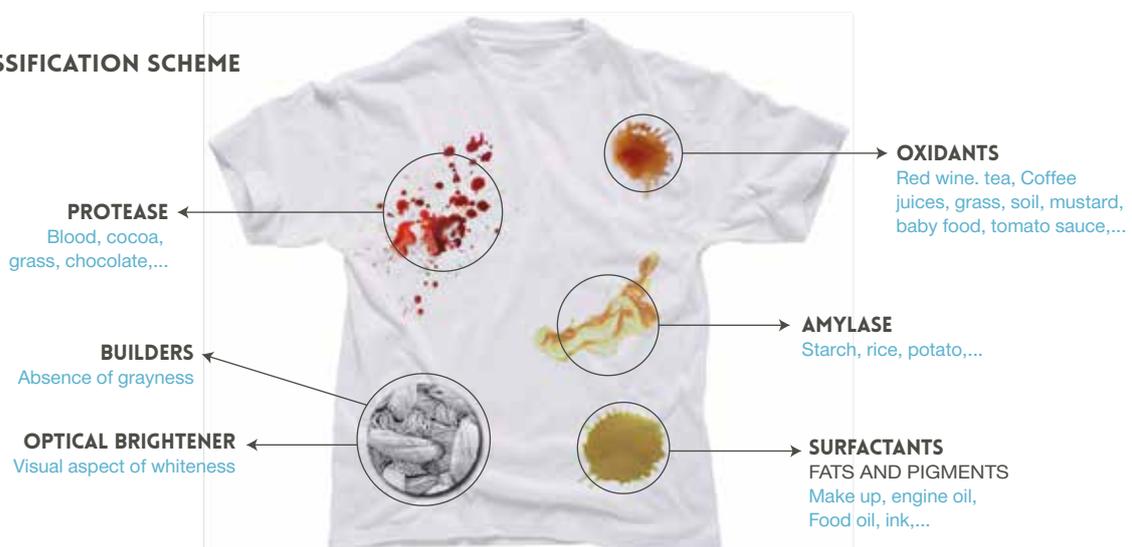
- **30-35% decrease in COSTS OF WASHING PROGRAMS**
 - Lower global cost of washing programs, cut down to 35% thanks to the system properties in terms of efficiency at low temperatures, concentration and type of product used and packed in sustainable packaging.
- **30-45% decrease in energy and water consumption costs**
 - Highly performing detergent at low temperatures, allowing temperature values between 30-50°C so achieving important energy savings.
 - Number of rinses is reduced thanks to the low alkalinity of the system, so water consumption is significantly reduced.
- **10-15% decrease in WASHING TIME**
 - The decrease in the number of rinses along with the possibility to perform the process in one single operation reduces total washing time down to 15%.
- **HIGHLY CONCENTRATED products, presented in 'bag in box' format**
 - Reduce waste management costs by 95%
 - Reduce transport and storage costs by 50%
 - Take up minimum space in the laundry



2 MAXIMUM EFFICIENCY IN THE WASHING PROCESS

- The system allows the use of three different oxidants: active oxygen, peracetic acid and chlorine ('bag in box' format only available for active oxygen)
- Compounds are adjusted according to the type of dirt
- Makes pH values easy to adjust thanks to the low acidity of the product CONPACK OXI
- Highly performing detergent at low temperatures
- Delivers top use conditions in one single operation
- Suitable for all type of garments (white and colored)

STAINS CLASSIFICATION SCHEME



ADVANTAGES ECOCONPACK

3 LONGER LIFE CYCLE OF THE GARMENT

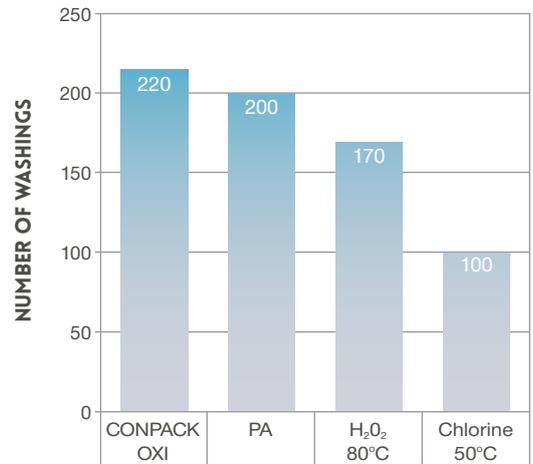
- Maximum protection of textiles fibers. Extends the life of the garment
 - Reduces fiber damage caused by chemical attack thanks to the absence of chlorine, low temperatures and reduced alkalinity in the washing process.
 - At the same time, it also reduces damage caused by mechanical action as process time is shortened.



4 COMMITMENT TO SAFETY

- Safe handling
 - Non reusable bags
 - Avoids contact with chemical product (quick connection)
 - Less loading weight (upon recommendation of the National Institute of Workplace Safety and Hygiene)
- Avoids vapor emissions, achieving an atmosphere free of unpleasant smells
- CONPACK OXI presents low hazard
- Neutral use conditions, safer for the user

WASHINGS vs OXIDANTS

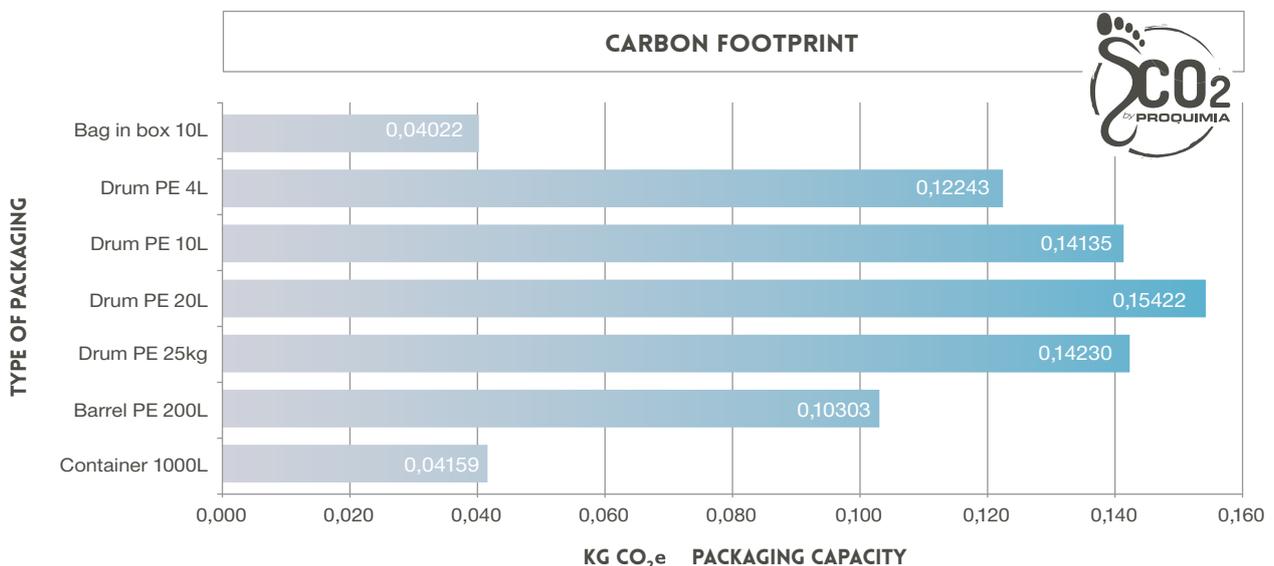


5 RESPECT FOR THE ENVIRONMENT

- Optimizing resources
 - Energy > Washing process at low temperatures
 - Water > Reduces the number of rinses
- 95% less plastic waste
- 55% less CO₂ emissions during transport
- Reduces carbon footprint
- Less pH content in waste water discharges (low alkalinity processes)
- Detergents, ASEP 50 ECO and softener with Ecolabel registration.
- Phosphate free system



CARBON FOOTPRINT



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