

# FILZYM P3

## Cleaning of membrane filtration units

Enzymatic powder for membrane and closed circuit (heat exchangers, tanks, pipes,...) cleaning in the food & beverage industry. This low foaming solution is formulated without any oxidizing agent and contains a specific cocktail of enzymes to eliminate all organic fouling. Filzym P3 is recommended to ensure the maintenance of membranes in order to preserve optimum filtration outputs.

### Advantages

- **Irreversible transformation of organic waste:** cellulose, proteins, starch
- Formulated **without phosphates, phosphonates and EDTA**
- **Equipment-friendly** solution
- **Positive impact on the environment** (discharge of pre-purified water)

### Fields of application

Suitable for:

- cleaning membrane filtration units
- CIP



## Directions for use

### CIP - FILTRATION UNITS

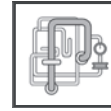
Recommended dosage: 0,5 to 1% if light fouling; 1 to 2% if severe fouling

1. Pre-clean during 10 minutes with an alkaline solution. Facultative step.
2. Prepare a solution of Filzym P3 and hot water (40-60°C / 104-140°F max.).
3. Circulate the solution during 30 to 120 minutes according to the nature and importance of the fouling. If the velocity is not sufficient (min. 1.5 m/sec) the treatment must be performed by soaking: circulate during 5 to 10 minutes and soak the material during 2 to 4 hours.
4. Rinse with clean water.
5. Circulate a disinfecting or acid solution during 10 minutes.
6. Rinse with clean water.

### Temperature

40-60°C / 104-140°F maximum

### Action



+ rinsing

### Concentration

Light fouling: 0,5 to 1%  
Severe fouling: 1 to 2%

### Contact time

Circulation: 30 to 120 minutes  
Soaking: 2 to 4 hours

## pH value

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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In solution

## Certifications and regulations

- Product meets USDA regulatory sanitation performance objectives following the Food Safety and Inspection Service (FSIS) Directive 5000.1, "Verifying an Establishment's Food Safety System Handbook"
- All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory
- All components of this product are listed on Canadian DSL or NDSL or notified

## Safety

For professional use only. Consult the Safety Data Sheet (available on [www.realco.be/msds](http://www.realco.be/msds)) and the product label for more information.

## Storage

Storage in the closed original packaging between +4°C and +25°C / 39°F and 77°F. Use the product in the 12 months following manufacturing date.

## Packaging

Reference: POU0967

10kg bucket

Pallet of 48 buckets