

# FILZYM 230



## "All-in-one" enzymatic cleaner for filter installation maintenance (especially for clogs caused by proteins and fats)

Powerful buffered enzyme-based cleaner for cleaning-in-place, cleaning by soaking and for the cleaning of the membrane separation process. Special enzymatic detergent formulation for clogs caused by proteins and fats. FILZYM 230 is especially recommended for the maintenance of filter installations (MF, UF, NF, RO) and the internal surfaces of production installations.

### Application



### BENEFITS

- Improved cleaning performance
- Maximum hydrolytic performance
- Deep cleaning through enzyme action
- Not harsh to the user or the equipment it comes into contact with
- Prevents pipe clogging through its continuous downstream action
- No impact on the environment

### DIRECTIONS FOR USE

#### **CIP – filter units:**


Recommended dose: 0.3 to 0.5%

1. Allow the solution to flow for 15 to 45 minutes according to the size of the clog and how the flow is restored
2. Check how the flow has recovered at the end of cleaning.
3. Finish the cleaning protocol with an appropriate enzyme inactivation phase (applying our recommendations).

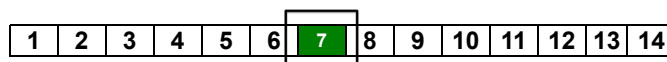
#### **Soaking:**

Recommended dose: 0.5%

1. Allow the solution to flow for 5 to 10 minutes  
Soaking time: 2 to 4 hours.
2. Check how the flow has recovered at the end of cleaning.
3. Finish the cleaning protocol with an appropriate enzyme inactivation (applying our recommendations)

Temperature	45 - 50°C 
Action	CIP Cleaning In Place
Concentration	0.3% to 0.5% according to application
Time (contact)	5 min to 4 h according to application

### pH VALUE



Environmental Biotechnology



## CERTIFICATIONS AND REGULATIONS

Cleaning product compliant with:

- European Regulation CE 648/2004 concerning detergents,
- European Directives 67/548/EEC and 1999/45/EC or EC Regulation No. 1272/2008 concerning the classification, packaging and labelling of hazardous substances and preparations,
- European REACH regulations (EC No. 1907/2006) adopted to protect human health and the environment from risks related to chemicals,

## STORAGE

Storage in the closed original packaging between +4°C and +25°C.

## PACKAGING / PALLETISATION / LISTING



1 X 25 l  
24 cans / pallet  
LIQ1187

## Why choose REALCO enzymatic products?

### 1. Efficacy

Enzymatic solutions clean deeper than classic chemicals.

### 2. Better hygiene

The heightened performance of enzymatic solutions improves the effectiveness of the disinfection process.

### 3. Safe for users

Enzymatic products have neutral pH and are not harsh to users.

### 4. Extending the working life of equipment and installations

Enzymatic products have neutral pH and are not harsh on equipment they come into contact with.

### 5. Reducing costs

Enzymes work like a catalyst: this makes the cleaning action faster, needing less energy and facilitating application processes.

### 6. Accelerating water purification (Patent EP1025052)

### 7. Sustainable development (Patent PCT/EP2006/060244)

Enzymatic solutions contain enzymes, which are 100% biodegradable, and renewable raw materials.

S.A. REALCO N.V

Parc scientifique . Wetenschappelijk park . Avenue Albert Einsteinlaan, 15  
B-1348 Louvain-la-Neuve (Belgium)  
Tel. +32 (0)10/45 30 00. Fax +32 (0)10 45 63 63 info@realco.be . www.realco.be  
VAT/TWE-BE-0444.458.750 . RPM/RPR Nivelles . ING-350-01322306-20