

ENZYBREW 10



Enzymatic natural detergent for microbrewery equipment

Tri-enzyme detergent specially designed for the daily cleaning of microbrewery equipment. ENZYBREW 10 removes all organic residues encountered during the production of beer such as vegetable fibers (hop, distillers grains), starch, caramelized sugars, etc. Ideal for cleaning filter plates, wort cooler and maturation, boiling and fermentation tanks. Formulated without phosphorus, ENZYBREW 10 ensures a deep and safe cleaning of all installations.

Advantages

- **Reinforced hygiene:** effectively prepares for disinfection
- **Removal of contamination risk**
- **Cleaning in one cycle** (time and water savings)
- **Very good rinsability**
- **Hazard-free for equipment:** non-corrosive product in its intended concentration
- **Organoleptic quality** guaranteed
- Environmentally friendly **alternative to caustic soda**
- **New generation of enzymes: more stable** and with a **broad spectrum of activity** than the old generation
- Enzymatic cleaning **enhances allergen risk management**
- Compatible with Teflon
- Eliminates the risk of implosion
- Biodegradation rate **> 97%** in 28 days (OCDE 302B)

Fields of application

Suitable for:

- Brewing vessels (boiling, filtration)
- Fermenters and conditioning tanks
- Plate heat exchangers
- Hoses and pipes
- Bottling equipment

Composition

91,98% of the ingredients are of natural origin

Components

- > 30% bases , oxygen-based bleaching agents
- >5 <15% sequestrant
- < 5% sodium lactate, enzymes



Directions for use

CIP APPLICATION (vessels and exchangers)

Suitable for cleaning after each use.

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

1. Dilute the product in warm water (50-60°C) and mix well.
2. Circulate the solution within the material for 45 to 120 minutes.
3. Rinse with warm water.
4. Finish the circulation with a disinfectant or an acid solution for 10 minutes.
5. Rinse with clear water for 5 minutes.

Notes:

- Avoid prolonged contact with light metals (such as aluminium, iron, copper).
- Color and odor of the product can change over time due to biodegradable components. These changes do not affect the quality and effectiveness of the product. For more information, please contact your Realco expert.
- White marks may appear when rinsing is insufficient or if the water is not softened. In this case, circulate an acid solution (pH2-3) for at least 20 min.
- To reduce the environmental impact, respect the recommended doses.

Temperature

50 - 60°C maximum

Action



Concentration

Light fouling: 0,5 to 1%

Severe fouling: 1 to 2%

Contact time

45 to 120 minutes

pH value

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

Regulations

Product compliant with:

- European Regulation EC 648/2004 concerning detergents
- Regulation EC 1272/2008 concerning the classification, packaging and labelling of substances and mixtures
- REACH European Regulation (EC 1907/2006) adopted to ensure a high level of protection of human health and the environment from the risks linked to chemical substances

Certifications

Product certified:

- Detergent certified by ECOCERT Greenlife according to the ECOCERT «Ecodetergent» standard available on <http://detergents.ecocert.com>.

Safety

Only for professional use. Consult the Safety Data Sheet (available on www.realco.be/msds) and the product label for more information.

Storage

Storage in the closed original package between +4°C and +25°C. Use the product within 24 months from its date of manufacture.

Packaging

Reference : POU0938

Bucket of 10kg

Pallet of 48 buckets