

POWER CLEANING T8**Professional High-Concentrated Alkaline Foaming Degreaser****1. Product Description**

POWER CLEANING T8 is a professional high-concentrated alkaline foaming detergent designed for intensive cleaning and degreasing in industrial and professional facilities.

The formulation contains sodium hydroxide, a combination of non-ionic, anionic and alkyl polyglucoside surfactants, a chelating agent and a solvent. This combination provides efficient softening, breakdown and removal of:

- animal and vegetable fats;
- oils and grease;
- protein residues;
- baked-on organic deposits;
- smoke, soot and carbonized residues;
- deposits on industrial equipment and production surfaces.

The product is intended exclusively for professional and industrial use.

**2. Areas of Application****Food Industry**

POWER CLEANING T8 is suitable for alkaline cleaning and degreasing in:

Meat Processing Industry

- Smoke chambers
- Ovens
- Trolleys
- Work surfaces
- Floors
- Processing equipment

Bakery Industry

- Deck ovens
- Tunnel ovens
- Baking trays
- Conveyors
- Production lines

Confectionery Industry

- Dough mixers
- Mixing bowls
- Production lines
- Surfaces contaminated with fats and protein residues

Dairy Industry

- External foaming cleaning of equipment and alkali-resistant surfaces

Ready Meal Production

- Ovens
- Fryers
- Grills
- Extraction hoods
- Production surfaces

Fish Processing Industry

- Equipment
- Floors
- Walls
- Surfaces contaminated with fats and proteins

Beverage Industry

- External cleaning of production lines and alkali-resistant equipment

General Industrial Applications

Suitable for cleaning:

- Production lines
- Alkali-resistant conveyor belts
- Industrial machinery
- Machine parts
- Tanks and vessels
- Floors
- Walls
- Ceramic surfaces
- Alkali-resistant plastic surfaces
- Stainless steel equipment and surfaces

3. Main Benefits

- Excellent degreasing performance
- Rapid penetration of baked-on deposits
- Stable, long-lasting foam
- Extended contact time on vertical surfaces
- Effective even in hard water
- Suitable for manual and mechanical application
- Compatible with foam units, foam generators and satellite cleaning systems
- Reduced product consumption due to its high concentration
- Shorter cleaning time
- Completely water soluble

4. Recommended Dilution

Degree of contamination	Concentration	Product per 1 L working solution
Light greasy deposits	2%	20 mL
Routine cleaning	3–4%	30–40 mL
Medium contamination	5%	50 mL
Heavy grease and protein deposits	6–8%	60–80 mL
Heavy baked-on and carbonized deposits	8–10%	80–100 mL

For routine foam cleaning, a 2–5% working solution is generally recommended. For heavily contaminated surfaces, concentrations of 6–10% should be used.
Општа постапка

5. Application Instructions

General Cleaning Procedure

1. Remove loose dirt and debris.
2. Pre-rinse the surface with water if necessary.
3. Prepare a working solution at a concentration of 2–10%.
4. Always add the product slowly into water while stirring.
5. Apply the solution evenly over the surface.
6. Allow a contact time of 5–15 minutes.
7. Do not allow the solution to dry on the surface.
8. If necessary, scrub using a brush, pad or suitable mechanical equipment.
9. Rinse thoroughly with clean water.
10. Food-contact surfaces must always be rinsed with potable water after cleaning.

Application Methods

Method	Recommendation
Manual application	Brush, cleaning pad or alkali-resistant equipment
Spray application	Professional low-aerosol spraying systems
Foam generator	Vertical surfaces and large areas requiring extended contact time
Foam unit / Satellite cleaning system	Production lines and industrial hygiene programmes
Machine cleaning	Only with equipment compatible with strong alkaline detergents

Recommended Working Temperature

For optimum cleaning performance, a working temperature of approximately **40–50°C** is recommended.

Higher temperatures accelerate grease removal; however, the operating limits of the equipment, surface material and application system must always be observed.

Composition

- Sodium Hydroxide
- Potassium Hydroxide
- Tetrasodium EDTA
- Sodium Metasilicate
- Alkyl Polyglucoside
- Corrosion Inhibitors

Technical Data

Appearance: Clear liquid

Odour: Characteristic

pH (1% solution): 12–13

Density (20°C): Approx. 1.24 g/cm³

Shelf life: 36 months
Water solubility: Completely miscible with water

Packaging

Available in:

- 5 L plastic canister
 - 10 L plastic canister
 - 20 L plastic canister
 - 1000 L IBC container
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Storage

Store in the original tightly closed container.

Recommended storage temperature:

5°C to 35°C

Protect from frost and direct sunlight.

Shelf life:

36 months in unopened original packaging.

Safety Information

Read the Safety Data Sheet (SDS) before use.

Wear appropriate personal protective equipment.

Keep out of the reach of children.

Food-contact surfaces must be thoroughly rinsed with potable water after cleaning.

Quality and Regulatory Compliance

Manufactured under an established Quality Management System.

Documentation prepared in accordance with:

- Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP)
 - Commission Regulation (EU) 2020/878
 - Regulation (EC) No. 648/2004 on Detergents
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Manufacturer



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The data provided comes from careful research by the manufacturer Bovi-Mark Log DOOEL. It does not relieve users of their own obligations for testing and using the product. If users are unsure about the usability of the product, they should seek advice regarding the application. The data presented on the safety data sheet (also available at: www.bovimark.mk) and the product label are considered binding.

This data sheet replaces and is invalid for all previous data sheets for the product. POWER CLEANING T8 27. 07. 2026