

PHOSALK Coffee Machine & Glass Cleaner

PRODUCT DESCRIPTION

Liquid alkaline detergent specially developed for the cleaning of milk frothing devices, milk pipes in coffee machines, and for automated glasswashing in professional kitchens. Odourless, easy-to-rinse, and highly effective against residues from milk, juices, beer, wine, and other beverages.

INTENDED USE

- Cleaning of milk frothers and milk pipes in fully automated coffee machines, coffee makers, and espresso machines
- Cleaning of all types of drinking glasses in professional glasswashers (restaurants, cafés, bars, hotels)
- Suitable for porcelain, stainless steel, synthetic materials, and decorated glassware

ADVANTAGES

- Effectively removes milk, coffee, juice, beer, wine, spirits, ice cream and lipstick residues
- Protects glassware and decorations for longer durability
- Universally applicable for all common coffee machines
- Odourless formulation, ensuring no aftertaste in beverages
- Developed in cooperation with leading dishwasher manufacturers

DIRECTIONS FOR USE

Glasswashing (professional glasswashers):

1.5–2 ml/L depending on degree of soiling

- Slight soiling: 1.5 ml/L
- Heavy soiling: 2 ml/L
- Recommended washing temperature: ≥ 55 °C

Milk frothers and milk pipes:

30 ml/L, according to the coffee machine manufacturer's instructions

- Clean all milk-carrying parts at least once daily
- Rinse thoroughly with water after cleaning

COMPOSITION

15–30 % Phosphates, 1–10 % Disodium Metasilicate (CAS 6834-92-0), 1–5 % Potassium Hydroxide (CAS 1310-58-3)

PACKING OPTIONS

1 L plastic bottle, 5 L Canister, 20 L Canister

For more details regarding safety, handling, and transport, please refer to the Material Safety Data Sheet (MSDS)

Authorized by: S. Nehir / Chem. Eng.
Quality Assurance Officer



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STORAGE CONDITIONS

Store in tightly closed original packaging at temperatures between $-10\text{ }^{\circ}\text{C}$ and $+30\text{ }^{\circ}\text{C}$.
Shelf life: 3 years under recommended storage conditions.

PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colourless liquid
Odor	Characteristic
pH (at $20\text{ }^{\circ}\text{C}$)	>13
pH (working solution, 1.5–30 ml/L)	11.1–12.7
Density (at $20\text{ }^{\circ}\text{C}$) (g/ml)	1.3 g/cm^3
Viscosity ($20\text{ }^{\circ}\text{C}$):	$<10\text{ mPa}\cdot\text{s}$
Solubility	Completely water-soluble

SAFETY INSTRUCTIONS

Causes severe skin burns and eye damage. May be corrosive to metals. Avoid contact with skin and eyes. Always wear protective gloves, goggles, and protective clothing during use. Do not mix with other cleaning products. In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice. For more detailed information, please refer to the Safety Data Sheet (SDS).

GENERAL INFORMATION

The information provided in this Technical Data Sheet is based on laboratory tests and production data, and is accurate to the best of our knowledge at the time of publication. It reflects current formulations and production tolerances. However, since application conditions vary and are beyond our control, the user is responsible for verifying the suitability of the product for the intended purpose.

This document does not constitute a legally binding guarantee of performance or suitability. Star Kimya assumes no liability for misuse or improper storage. For further support, please contact our technical service department.

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