

SULFDEC Coffee Machine Descaler Powder

PRODUCT DESCRIPTION

Powder-form acidic descaling agent specially designed for professional maintenance of coffee machines, vending machines, and electric kettles. The product provides a powerful and rapid descaling effect, ensuring reliable removal of limescale and mineral deposits that may impair machine performance. Thanks to its carefully balanced composition, the product combines strong cleaning efficiency with high material compatibility.

INTENDED USE

- Descaling of coffee machines and hot beverage vending machines equipped with integrated cleaning systems
- Regular removal of lime deposits from electric kettles
- Effective against mineral incrustations and embedded dirt particles
- Not suitable for aluminium, anodised aluminium, or light metal alloys

ADVANTAGES

- Strong descaling power for efficient lime removal
- Rapid dissolution in water, especially at elevated temperatures (60–70 °C)
- Ensures longer equipment lifespan and stable beverage quality
- Odourless and easy-to-use formulation
- High material compatibility for safe application on stainless steel and common machine components
- Can also be combined with system-based cleaning programs for automated maintenance

DIRECTIONS FOR USE

Coffee machines and vending machines with integrated cleaning system

- Follow the manufacturer's instructions for descaling cycles
- Recommended dosage: 50 g/L

Electric kettles

- Dissolve the required amount of powder in warm water (60–70 °C) for faster dissolution
- Recommended dosage: 100–150 g/L
- Pour solution into the kettle, heat up to 60–70 °C, and allow to act briefly
- Do not leave solution longer than necessary to avoid material damage
- Rinse thoroughly with hot water several times after descaling
- Always observe the appliance manufacturer's recommendations

General instructions

- For professional use only
- Use manual dosing aids (dosing spoons) for economical and controlled dosing

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

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Quality Assurance Officer



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- Surfaces in contact with food must be rinsed with potable water after treatment
- Do not mix with other cleaning product

COMPOSITION

> 30 % Acids

PACKING OPTIONS

1 L plastic jar

STORAGE CONDITIONS

- Store at 0 °C to 30 °C in original, tightly closed packaging
- Protect from moisture to prevent lump formation and reduced effectiveness
- Shelf life: 2 years under recommended storage conditions

PHYSICAL AND CHEMICAL PROPERTIES

| Property | Value |
|--------------------------|---|
| Appearance | White Powder |
| Odor | Characteristic, acid-like |
| pH (100–150 g/L, 20 °C): | 0.5 – 1.2 |
| Density (at 20°C) (g/ml) | 1.2 g/L |
| Solubility | Readily soluble in water (accelerated in hot water) |

SAFETY INSTRUCTIONS

Causes skin irritation and serious eye irritation. Harmful to aquatic life with long-lasting effects. Avoid direct contact with eyes, skin, and clothing. Wear suitable gloves, goggles, and protective clothing when handling. Avoid release into the environment. In case of eye contact, rinse immediately with plenty of water and seek medical advice. Refer to the Safety Data Sheet (SDS) for detailed hazard information.

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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.

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