

## Instructions for use

### How should you decalcify your espresso machine?

With durgol<sup>®</sup> swiss espresso<sup>®</sup>, decalcification of your espresso machine is simple and safe. Please follow the manufacturer's directions for decalcification and rinsing. Remove the water filter (if available) before decalcification and rinsing and reinsert it afterwards.

### Decalcification and rinsing of machines with an automatic decalcification program.

1. Put 1 single-portion bottle (4.2 fl.oz./125 ml) of durgol<sup>®</sup> swiss espresso<sup>®</sup> into the water tank.
2. Dilute the decalcifier with tap water according to the manufacturer's instructions. Start the decalcification program. If no dilution instructions are given, add tap water to the water tank until the automatic program can be started.
3. Catch the water in a glass or plastic container that is large enough to prevent splashing as it flows out of the machine.

**Be careful – the liquid can be hot!**

4. Rinse the machine with tap water according to manufacturer's guidelines.
5. Now you are ready to enjoy your next perfect cup of espresso.

### Decalcification and rinsing of machines without an automatic decalcification program.

1. Put 1 single-portion bottle (4.2 fl.oz./125 ml) of durgol<sup>®</sup> swiss espresso<sup>®</sup> into the water tank.
2. Dilute the decalcifier with the same amount of tap water. (Use the empty package to measure.)
3. Let this solution run through the coffee dispenser. If you are not able to start the machine with this amount of liquid, continue filling the water tank until you can. There should be approximately 16.8 fl.oz./0.5L in the tank.

### Please take note of the advice in the next section.

4. Catch the water in a glass or plastic container that is large enough to prevent splashing as it flows out of the machine.

**Be careful – the liquid is hot!**

5. After decalcification, rinse the water tank with tap water. Finally, rinse the machine by running 1–2 tankfuls of tap water through it.
6. Now you are ready to enjoy your next perfect cup of espresso.

### Please note the following for machines without an automatic decalcification program.

- If the manufacturer's instructions advise waiting some amount of time for the decalcification reaction to work, you can disregard that advice because durgol<sup>®</sup> swiss espresso<sup>®</sup> works much more quickly and effectively than conventional decalcifiers.
- If your machine works with whole bean coffee (i.e. contains a grinder), decalcify only the hot water discharge system so that the brewing system is not decalcified.
- If your machine works with capsules, "coffee pads" or ground coffee (i.e. does not contain a grinder) and has two dispensers (one for hot water and one for coffee), first decalcify the coffee system and dispenser, and then put the solution back into the water tank and decalcify the hot water system and dispenser (do not activate the steam function).



### Decalcifying electric water heaters and tea kettles.

durgol<sup>®</sup> swiss espresso<sup>®</sup> is also recommended for decalcifying water heaters/tea kettles. Unplug the appliance and let cool. Simply put 1 single-portion bottle (4.2 fl.oz./125 ml) of durgol<sup>®</sup> swiss espresso<sup>®</sup> into the water heater/tea kettle. The intensity of this reaction is evidenced by the bubbling action. durgol<sup>®</sup> swiss espresso<sup>®</sup> is finished with the decalcification when bubbling action subsides (it will only take a few minutes). If there are still lime deposits on the water heater's walls, simply fill the heater/kettle with tap water to cover all the deposits and wait 15 minutes. Then rinse the heater/kettle well with tap water.

**Do not turn on the water heater during decalcification.**

**Do not heat the tea kettle during decalcification.**

### General advice

Thorough decalcification of your espresso machine will only be achieved by using a complete 4.2 fl.oz./125ml single-portion bottle of durgol<sup>®</sup> swiss espresso<sup>®</sup> for each decalcification. Commercial espresso machines with water tanks larger than 51 fl.oz./1.5L may require two single-portion bottles of durgol<sup>®</sup> swiss espresso<sup>®</sup> per decalcification.

durgol<sup>®</sup> swiss espresso<sup>®</sup> is a special decalcifier for espresso machines and its product safety has been proven a million times. We assure you that when used as intended, our product is safe for your appliances. Please note that we do not assume responsibility for damage which results from not using durgol<sup>®</sup> swiss espresso<sup>®</sup> according to the instructions for use in this brochure.

### Danger

- **Keep out of reach of children.**
- Harmful if swallowed or in contact with eyes or skin. Do not swallow. Avoid contact with eyes or skin.
- Do not mix with chlorine type bleach or other chemicals.
- Contains amidosulfonic acid, auxiliary ingredients.

### First aid

- Upon **eye contact**: flush immediately with cool water. Remove any contact lenses. Continue to flush with cool water for 15 minutes. Seek medical attention.
- **If swallowed**: rinse mouth with plenty of cool water. Then drink plenty of fresh cool water and seek medical attention. Do **not** induce vomiting.
- Upon **skin contact**: wash immediately with cool water.
- **Spills**: wipe off with paper towels and discard with household garbage.

### Warnings

- Contact of the diluted or undiluted decalcifier with acid-sensitive surfaces such as marble, limestone, thin or damaged chrome plating, certain types of chrome steel, enamel, and silver should be avoided because they can be damaged by the decalcifier.
- After pouring out the used decalcifying solution, rinse well with cold water.
- Should older espresso machines become leaky after decalcification with durgol<sup>®</sup> swiss espresso<sup>®</sup> following the instructions for use, this is not the fault of durgol<sup>®</sup> swiss espresso<sup>®</sup>, but rather the result of brittle plastic parts (seals, etc.). The age-related damage will be obvious after removing the sealing lime layer on the parts.