



our info sheet for...

Descaler

Our Descaler removes scale and water marks to leave surfaces clean. It's a highly effective limescale remover for kettles, boilers, cabinet dishwashers, drinks machines, bain maries, water heaters, water coolers, irons, radiators, CIP cleaners and other re-circulating systems.

Benefits

- ✓ **Free from:** Hydrochloric Acid, Enzymes, Formaldehyde, VOCs, APEs
- ✓ Low foaming
- ✓ Rapid action
- ✓ Effective in hard and soft water
- ✓ Reduced use of hazardous substances
- ✓ Phosphate and phosphonate free
- ✓ Safe in septic tanks if used as directed
- ✓ Readily biodegradable
- ✓ Not tested on animals

Areas of Usage

- Kettles and boilers
- Cabinet dishwashers
- Water heaters / water coolers
- Radiators
- Stainless steel
- CIP cleaners (clean-in-place) for the dairy industry
- Drink machines
- Bain maries
- Irons
- Cement / concrete
- Porcelain
- Hard surfaces

Technical Data

Figures are typical values and should not be used as specifications

Appearance:	Liquid
Colour:	Colourless
Odour:	Barely perceptible odour
Solubility in water:	Highly soluble
Boiling point/range°C:	100
Relative density:	1.055
pH:	2.0

Safe Handling and Storage

Full guidance on the handling and safe storage of the product can be obtained from the safety data sheet including first aid measures and health and safety requirements.

Application and Directions

Machine descaling: Fill dishwasher with fresh water. Add sufficient Descaler to the water to produce a 10-20% solution (100-200ml / ltr) depending on degree of scaling. Turn machine on for 10-15 minutes then drain and inspect. Repeat process if required. Drain and rinse thoroughly. Leave door open and allow to dry.

Kettles: Dilute at 1:5 parts water and cover element in solution. Turn kettle on and heat solution. DO NOT allow kettle to boil. Repeat process until scale has dissolved.

Irons: Dilute at 1:5 parts cold water and fill water tank. Heat iron to medium-high temperature and allow it to steam until all the solution has evaporated out of the iron. Refill the water tank with cold water and repeat process to remove any chemical residues. Descale irons once every two weeks.

Soaking: (kettles, irons, bain maries, etc.) Dilute at 1:5-1:20 in warm water dependent on the degree of scale. Fill the item or soak in solution until the scale dissolves. Scrub if required to remove heavy deposits. Rinse thoroughly and allow to dry.

Boilers, drink machines, water heaters, bain maries, water coolers, etc: Dilute at 1:5 - 1:20 parts warm water dependent on the degree of scale. Fill the item or soak in solution until the scale dissolves. Scrub if required to remove heavy deposits. Rinse thoroughly and allow to dry.

Hard surfaces: floors, walls, tiles, etc: Dilute at 1:5 - 1:20 parts warm water dependent on the degree of scale. Soak in solution and scrub if required to remove heavy deposits. Rinse thoroughly and allow to dry.

Cement and concrete: Apply neat and soak for up to 1 hour. Scrub if required to remove heavy deposits. Rinse thoroughly and allow to dry.

CIP, pipework and radiators: Dilute at 1:5 parts cold water and re-circulate in pipework. Re-circulate CIP cleaners with cold water only to remove any chemical residues.

Proper dosage saves cost and minimises environmental impact: Delphis Eco encourage proper dosage and users to reduce waste going to land fill by recycling empty bottles.

Supplier Information

Product Name: Descaler
Product Code: DES005 (500ml conc.)
DES050 (5ltr conc.)

Supplier: Delphis Eco, Sustainable Workspaces
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