

THERMOSHIELD® C



**NEUTRALIZER FOR AUTOMATED PROCESSING OF MEDICAL DEVICES IN CLEANING AND
DISINFECTION DEVICES**

1 / 3

Based on citric acid

Efficient neutralisation

Gentle reprocessing of sensitive instruments



INSTRUMENTS / AUTOMATED REPROCESSING

THERMOSHIELD® C



PRODUCT DESCRIPTION

2 / 3

Thanks to the citric acid it contains, **THERMOSHIELD C** has an acidic pH value that reliably keeps instruments, medical devices, and machines free of inorganic deposits and, above all, limescale residues. By using **THERMOSHIELD C** in neutralisation

it is possible to protect especially sensitive materials, e.g. anodized aluminium, and prevent entrained remains of alkali from the cleaning step.

APPLICATIONS AND NOTES

Application

For professional use only. Typical processing programme:

- pre-rinse with cold water
- cleaning step: Cold water intake; heat to 55 °C; clean 10 min
- neutralisation step: Dosing of the neutraliser to scavenge entrained remains of alkali
- intermediate rinse
- disinfection; including rinse aid if necessary (add according to manufacturer's instructions)
- final rinse

The use of de-ionised water is recommended in all processing steps, though at least in the neutralisation and rinsing steps after cleaning. De-ionised water is always recommended for processing aluminium or anodised aluminium.

According to the EU Medical Device Regulation, users/patients are obligated to report any serious incident that has occurred in relation to the device to the manufacturer and the competent authority of the EU Member State in which the user/patient is established.

Dosage

The dosage depends on the pH and dosage of the cleaning agent as well as water hardness. The recommended dosing level is 0.1 - 0.3 % (1 - 3 ml/L). The dosage is carried out via dosing pumps of automated washer disinfectors.

Application notes

THERMOSHIELD C must not be mixed with other process chemicals.

Composition

Organic acids.

Material compatibility

The use of THERMOSHIELD C is not recommended for the following materials: Zinc.

Precautionary and hazard statements

May be corrosive to metals. Causes severe skin burns and eye damage. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Absorb spillage to prevent material damage. Store in a corrosion resistant container with a resistant inner liner. Dispose of contents/ container to an approved waste disposal plant.

Read label before use.

INSTRUMENTS / AUTOMATED REPROCESSING

THERMOSHIELD® C



PURCHASING INFORMATION

3 / 3

Product	Single Unit	Delivery Unit	Content	REF
THERMOSHIELD® C	Flat canister	3	5 L	00-180-050

The availability of the products and container sizes depend on a completed national registration.

National information may differ. For further information, please contact our subsidiary or your local dealer.

IR: For information or to report a poisoning incident contact The National Poisons Information Centre +353 (0) 1 809 2166 optional (8am-10pm 7 days a week).



CERTIFICATIONS



For an overview of our current certifications, scan the QR code to visit:

<https://www.schumacher-online.com/en/cert>

Dr. Schumacher is certified according to DIN EN 13485, DIN EN ISO 9001, DIN EN ISO 14001, BS OHSAS 18001, has a validated environment management system according to EMAS and is a member of IHO, VCI, BAH, DGSV and of the DGKH.