

INSTRUMENTS / AUTOMATED REPROCESSING

THERMOSHIELD® P



NEUTRALISING AGENT FOR THE MACHINE-BASED REPROCESSING OF MEDICAL DEVICES IN CLEANING AND DISINFECTION DEVICES

1 / 3

Based on phosphoric acid

Preservation of value of the instruments
using basic cleaning

Prevents inorganic residues



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PRODUCT DESCRIPTION

2 / 3

THERMOSHIELD P is a liquid neutraliser concentrate based on phosphoric acid for the use in automatic reprocessing of medical instruments. After usage of alkaline cleaners like THERMOSHIELD BASIX or THERMOSHIELD XTREME during the cleaning step **THERMOSHIELD P** ensures effective neutralization.

THERMOSHIELD P is especially suitable for hard water and helps to prevent inorganic deposits and lime residues. Discolorations are reliably removed, making **THERMOSHIELD P** ideal for basic cleaning.

APPLICATIONS AND NOTES

Range of application

Neutralising agent for the machine-based reprocessing of medical devices in cleaning and disinfection devices.

Dosage

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

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 THERMOSHIELD P 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.

Application notes

THERMOSHIELD P must not be mixed with other process chemicals.

Composition

Inorganic and organic acids.

Material compatibility

The use of THERMOSHIELD P is not recommended for the following materials: polystyrene (PS).

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 or shower. 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. Dispose of contents/container to an approved waste disposal plant.

Read label before use.

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PURCHASING INFORMATION

3 / 3

Product	Single unit	Delivery Unit	Content	REF
THERMOSHIELD® P	Flat canister	3	5 L	00-181-050
	Container	1	1000 L	00-181-C100LN

National information may differ. For further information, please contact our subsidiary or your local dealer.
The availability of the products and container sizes depend on a completed national registration.



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.