

PreciClean P23

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Liquid acid cleaning and neutralisation agent.
For use in special washing machines, free from phosphorus.

Application

Amsonic PreciClean P23 is used as a neutralisation agent following the use of a mildly alkaline cleaning agent. Also used as a cleaning agent for the acidic pre-wash during the mechanical cleaning of surgical instruments, anaesthesia utensils, laboratory glassware and utensils in hospitals, pharmacies, nursery kitchens, water laboratories, industrial and research laboratories.

Properties

Amsonic PreciClean P23 is free from phosphates and surfactants, and it can therefore be used for sensitive examinations of water in water analysis laboratories, and also wherever residues of phosphates, phosphoric acid, components containing nitrogen and surfactants interfere in subsequent operations.

Amsonic PreciClean P23 contains less than 10 ppm P_2O_5 . Its used as a neutraliser of mildly alkaline cleaning agent residues in the mechanical preparation of medical utensils in hospitals. Amsonic PreciClean P23 can also be used as an acid cleaning agent to remove acid-soluble residues such as lime. Amsonic PreciClean P23 offers a high degree of material protection and does not attack sensitive materials. Attention must be paid to the acid resistance of the items to be rinsed, the machine, the outflow pipes and any waste water raising systems which might be present. Eternit and cast iron pipes are not suitable.

Ingredients

Ingredients according to recommendation 89/542/EEC for detergents: None

Dosage

The recommended concentration for use is:

As neutralizer

Dosage	Temperature	Exposure time
0.1-0,2%	10-50°C	1-2 min

As acid detergent

Dosage	Temperature	Exposure time
0.2-0,5%	50-80 °C	3-5 min

Note:

The cleaning goods, the machine and the wastewater pipes have to be resistant to acid. We recommend to:

- prevent rinsing shades
- use deionised water for the final rinsing to avoid the building up of silicate layers on the cleaning goods and the inner walls of the machine

Material compatibility

Suitable for:

Stainless steel, aluminum, anodized aluminum, synthetic materials, plastic, rubber, latex, laboratory glass, ceramic materials

Before using Amsonic PreciClean P23 for other materials, carry out your own compatibility tests or consult Amsonic AG.

Physical data

pH value	0.1-0.5% determined in deionised water	Approx. 3 - 2,6
Density	Concentrate	1,2 g/ml
Appearance	Concentrate	Transparent, colourless
Titration	100ml basis with 1n hydrochloric acid	Indicator phenolphthalein
Consumption of 1 n hydrochloric acid	for 100 ml fresh washing fleet	0.35 ml / vol. % of concentrate

Safety at work

Please consult the safety data sheet of Amsonic PreciClean P23 for information concerning hazard classification, toxicology, and safety at work.

Availability

This product is available in 20 l canisters.

Containers, screw caps and labels are made of recyclable polyethylene.

Storage

Keep container tightly closed, store in a dry place, and protect from sun. Optimal storage temperature: +5 to +25 °C. Shelf life in original containers is indicated on the label. We recommend you a "first in - first out" inventory management.

Waste disposal

Please adhere to the local regulations. For ecological information we refer to the corresponding safety data sheet.

Additional information

Please consult our general brochures for further products from Amsonic AG and ask for corresponding data sheets.

All information is based on our findings. It neither relieves the user from conducting his own tests nor constitutes any legally binding assurance of specific properties.