



Acid cleaner and neutralizer based on citric acid

thermosept® citro S

Our Plus

- Removes inorganic and mineral residue
- Non-foaming
- Suitable for CIP and COP applications
- Process control by conductivity measurement
- Use solution is temperature-stable up to 94 °C
- Phosphate and surfactant free
- Colour and perfume free

Application areas

thermosept® citro S is a non-foaming liquid acidic concentrate for the automatic and semi-automatic cleaning and neutralization via CIP and COP, via circulation, spraying or via flooding of machines and containers.

thermosept® citro S is suitable for use in cleaning and disinfection devices, conveyor belt systems and tunnel washers.

thermosept® citro S is especially suitable for use in the following areas:

- pharmaceutical industry and laboratories
- biotechnological industry
- food production and processing
- cosmetic industry

Cleaning

thermosept® citro S is suitable for the acidic cleaning of mineral and inorganic residue especially lime stone, urine scale and milk stone. thermosept® citro S is used for cleaning transport vessels, containers, pipes, hoses, reactors, fermenters, homogenizers, tanks and filling lines.

Neutralization

thermosept® citro S is ideally suitable for neutralization following alkaline cleaning (for example with thermosept® Kraftreiniger A).

thermosept® citro S is free of phosphates, surfactants, colour and perfume additives.

Instructions for use

The concentration, temperature and contact time should be established via applicable practical tests. The following concentrations are often used for the respective applications:

- Neutralization following alkaline cleaning: 0.1 - 0.5 %.
- Following neutral cleaning: 0.1 %.
- For descaling of machinery: 0.3 - 0.5 %.

The use concentration during the application can be controlled via conductivity measurements. The respective conductivity data at different concentrations and temperatures are available upon request.

Following product application all surfaces should be rinsed with water of at least drinking water quality.

The use solution of thermosept® citro S is temperature stable up to 94 °C.



Product data

Ingredients:
Organic acid

Chemical-physical data

Color	colourless
Density	ca. 1,17 g/cm ³ / 20 °C
Flash point	Not applicable
Form	liquid
pH	ca. 2 / 20 °C
Viscosity, dynamic	ca. 4 mPa*s / Method : ISO 3219

Expert opinion and information

Please visit our website for an overview of all available literature/reports on the product: www.schuelke.com.
For individual questions:
Customer Sales Service
Phone: +49 40 52100-666
E-Mail: info@schuelke.com

Special advice

thermosept[®] citro S can be controlled by conductivity measurements and is suitable for use in cleaning-in-place systems. Check that all contact surfaces (incl. waste water pipes) are resistant to acidic pH.

Information for order

Item	Delivery form	Item no.
thermosept citro S 20 l KA	1/Canister	on request

These products are not available in every country. For more information please contact our local subsidiary or distributor.

Application aids

Application aids	Item no.
Can key for 20 + 25 l	135901
Can key for 5 + 10 l	135810
schülke dosing feeder 20 l / 25 l (20ml / stroke)	182501
schülke tap for 5 l / 10 l can	135501
tap for 20/ 25 l can	126101

Related Products

- thermosept[®] Kraftreiniger A
- thermosept[®] neutra klar N

Environmental information

schülke manufactures products economically and with advanced, safe and environmentally friendly production processes while at the same time maintaining our high quality standards.



Schülke & Mayr GmbH holds a Manufacturer's Authorisation according to sect 13 para 1 German Drug Law and Certificates of GMP Compliance for medicinal products.

schülke Headquarters
Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt, Germany
Phone +49 40 - 52100 - 0
Fax +49 40 - 52100 - 318
www.schuelke.com
info@schuelke.com