

CLIMAX S

Product definition and application

Strongly acidic liquid cleaner for circulation cleaning in the food industry. Suitable for removing limescale.

User instructions

1. Rinse the equipment with water, 30 to 40 °C.
2. Circulate a 1 – 2 % solution of an alkaline Climax product at ca. 70 °C for 5-10 minutes.
3. Rinse with hot water.
4. Circulate a 0,5 – 1 % solution of Climax S at 70 °C for 15 minutes.
5. Disinfect with hot water or chemical. Hot water: circulate clean water under heating until returned water stays at 80 °C. Let the first part of water go down the drain.
Lilleborgs' consultants should be contacted regarding suitable washing programs.

Product properties

Foaming ability:	Non foaming
Solubility:	Completely soluble in water
pH:	ca. 0 (conc.), ca. 1,5 (1% solution)
Density:	ca. 1,22 kg/l
Viscosity:	ca. 5 mPas
Reactivity:	Climax S corrodes metals and can form hydrogen gas, which can form explosive mixtures with air. Reacts with hypochlorite containing products and forms chlorine gas -highly irritating, corrosive and toxic.
Corrosion:	Determined by 10 g Climax S pr. liter at 70 °C and 12 hours duration. Stainless steel is not affected. Copper corrodes medium with light discoloration. Aluminum corrodes heavily with a matt grey discoloration.

Storing conditions and durability

Should be used within 5 years of production. Stored cool and frost-free in a closed container. Store separately from chlorine-containing products.

