



PROSPIN

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Additive with a high sequestering ability

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→ DESCRIPTION

Prospin is an additive able to give a high sequestering power to alkaline cleaning solutions.

Prospin allows obtaining a high sequestering capacity with regard to mineral salts present in the solution and those deposited on surfaces. Such behaviour is also addressed to all those deposited inorganic components, extremely difficult to be removed, such as oxalates (vegetable and beer stone) and calcium phosphate (milk stone).

Prospin can be added proportionally by means of automatic dosing systems into the alkaline washing solution.

→ TECHNICAL CHARACTERISTICS

Physical appearance: light yellow clear liquid

pH (1% solution at 20°C): $12,5 \pm 0,5$

Relative density at 20°C: $1,20 \pm 0,05$

Conductivity sol. 1% at 25°C: 5,8 mS/cm

The indicated chemical-physical data represent the typical characteristics of the product resulting from the analysis to which it has been subjected. These values are not specifications.

→ INSTRUCTIONS FOR USE*

The approximate usage concentration of **Prospin** is between 1 and 3% in cold water and/or up to 60-70°C. The exact concentration depends on the type of application, the present contamination, and above all on the water hardness. It is advisable to slightly dilute **Prospin** in water prior to its addition to the caustic solution, in order to avoid the precipitation of water salts. During the utilization, the additive is consumed by reaction with the salts constituting the water hardness and by attacking those deposited on surfaces. To ensure the continued effectiveness of the washing solution, some free EDTA should be always present and therefore its level should be constantly monitored in order to be able to proceed, if necessary, with appropriate reintegration of additive.

→ FIELDS OF APPLICATION

Prospin is used mainly as an additive for alkaline washings in CIP plants, where it is needed to enhance the sequestering effect. In the vegetable sector, it is active for the removal of oxalates from the surfaces of cookers. In the bottle washing it can help the elimination of rust collar.





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→ COMPATIBILITY OF THE FORMULATION

Prospin is compatible with most material normally present in food industries, if used according to the producer's indications. In case of doubt, carry out a test on the single material before using the product.

→ PRECAUTIONS FOR HANDLING AND STORAGE

Store in the original packaging, away from extreme temperatures. Consult the Material Safety Data Sheet.

→ PACKAGING

25 kg net drums.

1200 kg net IBC.

*The indications have been established for general use conditions. For conditions differing from the norm, for example depending on the particular water hardness, the working method or cleaning problems, please consult us; our technical service will be pleased to advise you and to cooperate with you.

