



# Ansep Z

**Description:** Alkaline powder detergent with active chlorine for the food industry

**Product strengths:**

- high cleaning efficacy
- compatible with aluminium surfaces
- especially suitable for churns

## Properties

<b>Concentrate:</b>	<b>Appearance:</b>	white powder
	<b>Storage stability:</b>	0 - 40 °C
	<b>Flash point:</b>	not applicable
	<b>Solubility:</b>	at 20°C miscible with water in any proportion
	<b>P-content:</b>	6.8 %
	<b>N-content:</b>	0.0 %
	<b>Bulk density:</b>	1000 - 1050 kg/m <sup>3</sup>
<b>Application solution</b>	<b>pH:</b>	11.0 - 12.0 (1%, 20°C, demonized water)
	<b>Foam characteristic:</b>	foaming, not suitable for CIP-system

\* Parameters subject to incoming goods control

**Material compatibility** Ansep Z is under the application conditions described below, compatible with

- **Metals** Chrome nickel steel (Quality at least 1.4301 = AISI 304), tinned iron, aluminium
- **Plastics and Seals** All kinds of alkaline- and oxidation-resistance plastics and seals normally used in the food industry

## Application

**Ansep Z** is suitable for cleaning plants, vessels and equipment from strong fatty soiling, especially for cleaning butter churns.

It can also be used for general plant cleaning.

- **General plant cleaning**

Concentration: 1 - 2 %  
Temperature: 60 - 70°C  
Time: 10 - 20 min

Rinse thoroughly with water after cleaning to prevent the formation of residues caused by dried application solution.

- **Butter churn**

Due to the excellent degreasing and wetting properties of surfaces, **Ansep Z** especially suitable for cleaning of churns.

Concentration: 1 - 2 %  
Temperature: 60 - 70°C  
Time: 10 - 20 min.

Rinse thoroughly with water after cleaning to prevent the formation of residues caused by dried application solution.

## Monitoring

### Concentration determination

- **Titration**

Receiving flask: 50 ml application solution

Add a spatula tip of sodium-thiosulphate to **Ansep Z** solution in order to decompose existing available chlorine

Indicator: Titration solution: 0.5 n HCl  
Phenolphthalein  
Titration factor: 0.09

Volume added in ml x 0.09 = % **Ansep Z**

## Safety

The relevant hazards identifications of **Ansep Z** are given in the EC Safety Data Sheet. If any questions arise in this context please contact your Ecolab representative.

## Attention!

**Don't mix with acids due to risk of hazardous gas creation.**

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