

# AseptoCool

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## Description

Powerful alkaline cleaner for cold or hot cleaning of milking equipment and milk tanks.

## Strengths

**AseptoCool** is a chlorinated low foaming caustic liquid circulation cleaner. It prevents the formation of water scale and is phosphate free.

The application of **AseptoCool** provides the following key benefits:

- Effective cleaning properties in both cold and hot washes
- Low foaming
- Without phosphate and QAC
- Can be used in hard or soft water areas

## Properties

Appearance:	Clear, light yellow liquid
Key ingredient(s):	Sodium Hydroxide, Sodium Hypochlorite
pH at 20°C:	13 – 14
Density at 20°C(g/cm <sup>3</sup> ):	1.26 - 1.29
Storage temperature:	-10°C to +40°C

## Application

What:	Milking equipment cleaner
When:	<b>Milking installation:</b> after milking <b>Milk tanks:</b> after emptying
How:	Pre-clean with water. Clean with <b>AseptoCool</b> . Rinse with water of drinking quality.
Use concentration:	1.0% (at room temperature, 10 min.) or 0.7% (at 70°C; 10 min.)
Recommendation:	To be used 12 to 13 times a week - in rotation with, once or twice a week, <b>HorolithCool</b> .

## Material compatibility

**AseptoCool** is compatible with the commonly used materials of milking equipment.

## Monitoring

### Concentration determination

<b>Titration</b>	Receiving flask:	100 ml application solution
	Titration solution:	0.5N HCl
	Indicator:	Thymol blue (0.04% in ethanol)
	Titration factor:	0.122
	color change:	Adding of 0.5g Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> blue → yellow
		Volume added in ml (0.5N HCl) x 0.122 = % <b>AseptoCool</b>

**Conductivity** Specific conductivity of **AseptoCool**

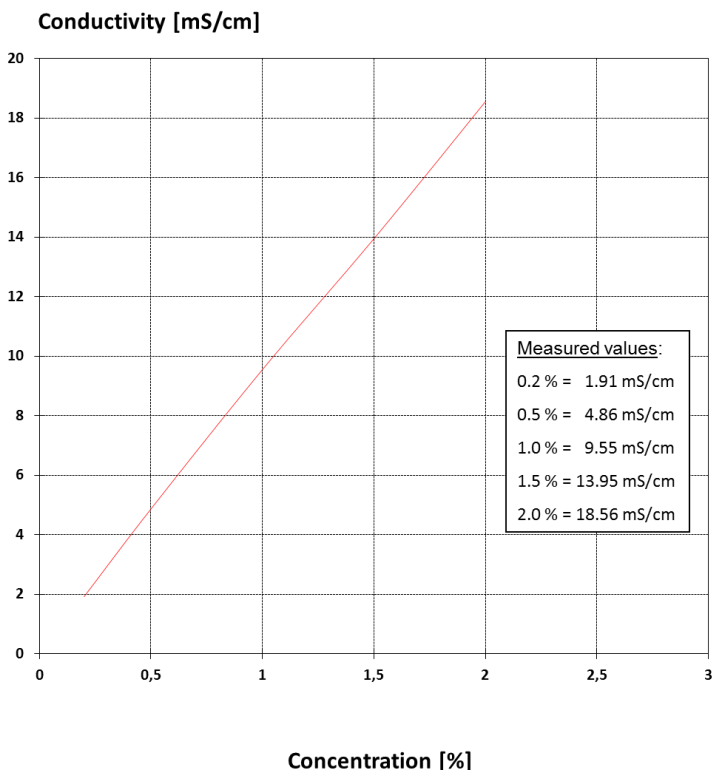
## Safety & Precautions

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

Keep container tightly closed after use. Store in original container between -10°C and +40°C. Do not empty product into drain. Dispose of packaging only if emptied and closed.

Always read the label and product information before use.

**AseptoCool (FC 913151)**  
Spec. Conductivity (20 °C, 0 °d)  
Temperature coefficient:  $\alpha$  1.97 %/°C



The statements, information and data presented herein are believed to be accurate and reliable. The information describes the characteristic features of **AseptoCool** in ordinary use but can not be taken as a guarantee, express warranty or implied warranty for the suitability for a particular purpose and shall not extend mandatory warranty rights (if any). The specifications and performance may vary subject to the operational conditions. Since numerous parameters will influence product performance and applicability, this information does not exonerate the user from liability with respect to the suitability of the product and the appropriate safety measures to be taken. Moreover, a possible infringement of patent rights must be avoided at all times.

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