

HorolithVit

Description Powerful acidic disinfectant for milking equipment and milk tanks

Strengths **HorolithVit** is a unique chlorine-free formula based on organic and inorganic acids. Due to peracetic acid, it ensures powerful cleaning and disinfection of milking equipment.

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

- Excellent disinfection properties
- Good material compatibility
- Non foaming
- Strong descaling power, suitable for high water hardness
- Nitrogen free

Properties

Appearance:	Colourless liquid
Key ingredient(s):	Peracetic acid
pH at 20°C:	0.5 – 1.5
Density at 20°C(g/cm ³):	1.13 - 1.17
Storage temperature:	-20°C to +30°C

Application

What: Milking Machine Hygiene cleaner and disinfectant

When: **Milking installation:** after milking
Milk tanks: after emptying

How: Pre-clean with water. Clean and disinfect with **HorolithVit**. Rinse with water of drinking quality.

Use concentration: 0.25% - 0.5% (minimum 10 min. at 40 – 50°C)

Recommendation: To be used in daily rotation with **AseptoVit**.

Disinfection

Application details

Germ	Use Concentration	Contact Time	Temp.	Interfering Substance
Bacteria (EN1276) Staphylococcus aureus (DSM 799) Pseudomonas aeruginosa (DSM 939) Escherichia coli (DSM 682) Enterococcus hirae (DSM 3320)	0,1% 0.1%	10 min 10 min	40°C 20°C	1% skimmed milk (dirty)
Yeasts (EN1650) Candida albicans (DSM 1386)	0.2% 0.25%	10 min 10 min	40°C 20°C	1% skimmed milk (dirty)

The product **HorolithVit** was able to reduce viable counts of the test strain by a factor of >5log (bacteria) and >4log (yeast) at an application concentration of **0.2%** within **10 minutes** at **40°C** under simulated dirty conditions (1% skimmed milk).

Successfully tested under the aforementioned conditions according to EN1276 and EN1650.

Material compatibility

HorolithVit is compatible with the commonly used materials of milking equipment.

HorolithVit is not intended to be used with galvanized and tinned iron, mild steel, copper and copper alloys. As it is the case with all acidic/oxidative disinfectants, static disinfection should not be carried out due to the risk of pitting corrosion. Static solutions, high chloride content in the batch water and high temperatures favour pitting corrosion.

Indication! The concentrate of **HorolithVit** is incompatible with austenitic CrNi steels (quality at least DIN 1.4301 = AISI 304).

Safety & Precautions

The relevant hazards identifications of **HorolithVit** 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 -20°C and +30°C. Do not empty product into drain. Dispose of packaging only if emptied and closed.

Use biocides safely. Always read the label and product information before use.

The statements, information and data presented herein are believed to be accurate and reliable. The information describes the characteristic features of **HorolithVit** 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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