KANTERS · DESCALING OF DRINKING-WATER SYSTEMS

Cal-clean

A solution of organic acids that dissolves limescale and mineral deposits in pipelines and drinkers — usable with animals present at the prescribed doses.

SOLUTION PH	CLEANING	WITH ANIMALS	PACKAGING
1.2	2–5 %	1–2 L / 1 000 L	5 / 10 / 20 kg

HOW IT WORKS

Limescale is a hard sediment consisting mainly of calcium carbonate. Cal-clean combines citric and glycolic acid in a solution with a pH of 1.2; the acids react with the scale and turn it into soluble metal salts that are easily flushed out with water.

The system is left free of deposits, and the bacterial growth those deposits supported is stopped.

WHY CLEAN WATER

Mineral deposits of iron, manganese and calcium, together with residues of medicines, vaccines and additives, build up in pipes and drinkers. The first sign of trouble is drinkers leaking because of scale — leading to wet litter and poorer water quality. The risk is especially high in young animals, at high temperatures and at low water flow.

BENEFITS

- Removes limescale and calcium, magnesium and iron deposits
- Prevents clogging of drinkers and drip nozzles
- For pipelines, foggers and cooling pads
- Safe with animals present at the prescribed dose
- Removes residues of medicines, vaccines and additives
- Based on organic acids, no aggressive inorganic acids

DOSAGE
and application

APPLICATION	CONCENTRATION	PROCEDURE
First cleaning, without animals	**2–5 %**	**Introduce into the system, leave for at least 12 hours, then flush with clean water.**
Regular cleaning, without animals	2 %	Introduce into the system, leave for at least 12 hours, then flush with clean water.
With animals present	1–2 L / 1 000 L	Target pH ≤ 4, preferably 3.8. Leave for at least 12 hours, then flush.
Soaking equipment	5 %	Soak drinkers and nozzles for 24 hours, then rinse with clean water.

The dose depends on water hardness and the degree of contamination. Always measure pH after adding the product — it must be below 4.

> **Safety — GHS05, corrosive.** Causes severe skin burns and eye damage. Always wear nitrile gloves, safety glasses and protective clothing. In case of contact, rinse immediately with plenty of water and seek medical advice.

SPECIFICATIONS

APPEARANCE	Colourless liquid with an acidic odour
PH (20 °C)	1.2
DENSITY (20 °C)	1.108 g/cm³
CITRIC ACID	> 10 – ≤ 25 %

PACKAGING
and storage

PACKAGING	5 kg, 10 kg and 20 kg canister
TEMPERATURE	0 – 30 °C
STORAGE	Original closed packaging, away from oxidisers and alkalis
MANUFACTURER	Kanters Special Products BV, the Netherlands — *hygiene* line

DISTRIBUTION
and contact

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