

CircoPure N SFM

Liquid acid for active cleaning and disinfection of milking equipment and milk cooling systems and tanks. Contains no chlorine, chlorates, nitrates, phosphates or QACs (Quats). Single step cleaner.



CircoPure N SFM effectively cleans and sanitizes post milking. Professional cleaner for all water hardnesses. Also for use in automated milking systems.

Characteristics and product advantages

Reliable cleaning and disinfection

Highly efficient ingredients in CircoPure N SFM guarantee a reliable cleaning and disinfection.

One cleaning package for the complete milking equipment and milk cooling system and tanks

CircoPure AFM and CircoPure N SFM clean all standard milking and milk cooling systems.

Versatile use

- for milking equipment
- for stack-cleaning (EnviStar)
- for tank cleaning (min. 30 °C)

Sustainable

CircoPure N SFM forms a chlorine-free and QAC-free cleaning package in combination with CircoPure AFM. CircoPure N SFM is also phosphate-, nitrate- and chlorate-free and can be used as a single step cleaner. Also applicable for low temperature cleaning (milk tanks only).

Distinctive chemistry for powerful cleaning

CircoPure N SFM removes mineral deposits and redeposition is prevented. Fats and proteins are reliably removed. The biocidal action of hydrogen peroxide combined with a dual acid combination packs a powerful punch in this unique triple-ingredient acid cleaner. It removes soils with all the cleaning power needed to work in even the hardest-to-clean systems.

Foam reducing and gentle action

CircoPure N SFM is a low-foaming formula. When used correctly, all milk contact surfaces made from stainless steel, glass, plastic, rubber and silicone are gently cleaned.

Non-corrosive

CircoPure N SFM does not cause corrosion to stainless steel, glass or rubber parts when used according to directions.

Proven disinfection

The active ingredients guarantee first class disinfection of the entire system, which is a prerequisite for low microbial counts and top quality milk production. The high disinfection performance was proven according to recognized disinfection tests carried out in accordance with EN 1276 (against bacteria) and EN 1650 (against *Candida albicans*).

Biogas-compatible

CircoPure N SFM was tested by an independent test laboratory. The tests showed that the use of CircoPure N SFM does not have a negative effect on the production of methane gas.

3 in 1:
Cleaner
Disinfectant
Descaler

**No chlorine,
chlorates,
nitrates, phosphates
and QACs!**

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Information on use



0.5 % Vol. (50 ml / 10 l) (see dosage recommendation)



Milking equipment: 40 - 80 °C
Tanks: min. 30 °C



7 - 15 min.

Application



Milking equipment: To clean milking equipment CircoPure N SFM can be used as a single step cleaner or alternating with the alkaline cleaner CircoPure AFM (for example at a ratio of 1:1 or 4:1). After milking pre-rinse with luke-warm water. Clean and disinfect with CircoPure N SFM. Rinse off with potable water.



EnviStar: CircoPure N SFM can be used as a single step cleaner or alternating with the alkaline cleaner CircoPure AFM (for example at a ratio of 1:1 or 4:1). When used with the EnviStar stack cleaning system:

Use 13 x CircoPure N SFM and 1 x CircoPure AFM.
CircoPure N SFM:



0.7 – 1.0 % Vol. (70 – 100 ml/10 l)
0.2 – 0.25 % Vol. re-dosing



Tank cleaning: The use of CircoPure N SFM alone as a single step cleaner is possible with the use of CircoPure AFM when required (e.g. fat built-up). After the bulk milk tank has been emptied rinse away all milk residues using clean luke-warm water and run to waste. Wash all tank surfaces with a solution of CircoPure N SFM, by adding to the water at a dilution rate of 50 ml of CircoPure N SFM in 10 litres of water (0.5% Vol.). Run the wash solution to waste. Rinse away all chemical residues using clean cold potable water and run to waste. Generally bulk milk tanks are supplied complete with a tank washing unit. Always follow the tank manufacturers' instructions for putting cleaning chemicals into the wash cycle.

Storage

Store in cool but frost-free conditions. Protect from exposure to direct sunlight. Keep away from food, drink and animal feeding stuffs. Once dispensed, this product should not be reintroduced to its original packaging. Do not mix with other chemicals. Keep containers tightly closed. Expiry Date: Provided storage precautions are adhered to, see „Best before“ date printed on the label.

Product information

Composition: 100 g contain 5 g hydrogen peroxide;
Further ingredients: sulphuric acid, methanesulphonic acid
Density: 1.18 – 1.22 g/cm³ at 25°C
pH-value: 1.8 – 2.2 at 0.5 % Vol.

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Special instructions



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

BauA Reg. No. N-66051



Please abide by the hazard and precautionary statements given in the separate safety data sheets. For professional users only. Do not mix with any other cleaner – avoid contact with galvanized steel, zinc, copper, tin, magnesium or alloys. Use normal protective clothing.

For Ireland: Dispose of unused product and empty containers in accordance with guidance from your local waste regulation authority. To dispose of unused product to land you must have authority under the Environmental Objectives (Groundwater) Regulations 2010 (S.I. 9 of 2010)

For UK: Dispose of unused product and empty containers in accordance with guidance from your local waste regulation authority. To dispose of unused product to land you must have authority under the Environmental Permitting Regulations (England and Wales) (as Ammended) 2010 or The Water Environment (Controlled Activities) (Scotland) Regulations 2011. For Northern Ireland discharging hazardous substances and nonhazardous pollutants onto land requires authorisation from Northern Ireland Environment Agency (NIEA) in accordance with the Groundwater (amendment) Regulations (Northern Ireland) 2014 and Groundwater Directive (2006/118/EC).

Dosage recommendation

CircoPure N SFM can be used with all water hardnesses. Your GEA Specialist and your local dealer will be happy to recommend an individual dosage based on local detailed analyses.

Dosage	Water hardness (*dH)					Buffer level > 500 ppm
	Vol. %	10°	15°	20°	25°	
0.50				0.60 %	0.70 %	0.80 %



Product recommended.



Product use possible, limited range, dosage must be adjusted to shown value. Bacteria count required!

Further information

Your GEA Specialist and your local dealer will be pleased to help if you have any further questions.

Ordering information

Part number	Product	Size/Weight
7724-3161-200	CircoPure N SFM	12 kg
7724-3162-500	CircoPure N SFM	25 kg
7724-3163-500	CircoPure N SFM	35 kg
7724-3165-400	CircoPure N SFM	240 kg
7724-3166-200	CircoPure N SFM	1200 kg