

DT SMART®

Biofilms solutions



Keep your animal housing free from pathogens

DT SMART®
Biofilm solutions

Alkaline detergent for pipes, water and soup circuits and washer machines

Strictly professional use for applications in livestock farming and agro-food industries • Can be used in biological agriculture in livestock farming and agro-food industry, applying the CE 854/2007 European regulation

Soluble liquid concentrate containing (as a mass %)

- Sodium hydroxide > 30 %

Doses for use

- Water and soap pipes
- Washer tanks
- Auto-washer
- Floors

Instructions for use

Stocking

- During distribution downtime, for cleaning applications on pipes and water pipes* complete circuit rinsing using clean water. Fill the tank with a sufficient volume of water for the whole watering system and add 2 litres of DT SMART for 500 litres of solution. Spread the detergent solution through all pipes. Let it work for an hour, empty and then rinse twice with water.

During livestock farming, every 2 weeks, for cleaning applications in soup machines**

1. **Cleaning the soup kettles:** pour 2 litres of a 10 % DT SMART solution (5 litres of DT SMART + 9 litres of water) on the waste walls. Let it work for 30 minutes and rinse at high pressure. Rinse the material used to prepare and spray the solution thoroughly with water.
2. **Cleaning remains from the network and the wet removal by leftover stock:** Prepare the 10 % DT SMART solution (2 litres for 500 litres of water) in the bottle and make sure that it spreads throughout all pipes. Let it work for an hour then empty and remove the residual solution by rinsing twice with clean water.

Agro-food

- **Cleaning tanks and CIP:** DT SMART is used at a dose of 0.2 % to 5 % depending on the hardness of the water, the temperature and the contact time***. Let it circulate for 15 minutes and then rinse in clean water. Use it alternately with an acid product.
- **Cleaning floors:** Auto-washer or manual spray cleaner: used from 1 to 2 % depending on the degree of clogging. Rinse the surface with drinking water after applying the product.

Instructions for use

- Clean the application equipment with water.
- It is recommended to run a test on a small surface before using the product.

* Do not let animals consume the water used for rinsing
** Hot water increases the effectiveness of DT SMART

USE WITH CAUTION. CHECK THE SAFETY SHEET AND THE LABEL BEFORE USE.

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Contrôle Ecocert SA F-32600
Can be used in organic farming according to European regulation
EC 834/2007 in animal production and in food industry

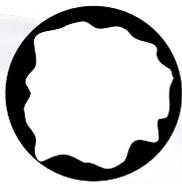


CHARACTERISTICS

Numerous mineral (limescale, iron) and organic (antibiotic residues, organic matter) deposits can build up in the pipe during the livestock rearing period. These deposits can host and promote the proliferation of microorganisms in the form of biofilms that are difficult to eliminate. **DT Smart®** dissolves and disperses organic matter and pipes biofilms.

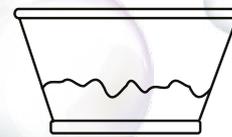
- Detergent for water pipes and feeding systems
- High degreasing power
- Use on farm and in food processing

APPLICATIONS



Pipe Cleaning

- Prepare a solution of **DT Smart®** at the correct dose.
- Leave the solution to circulate in the pipe the recommended time.
- Rinse with clean, drinking water.



Soaking

- Leave small items in the solution for 20 to 30 minutes.
- Brush, then rinse with clean, drinking water.

EFFICACY

Water temperature	Soft water < 30°TH	Hard water 30°TH	Time of circulation
> 40°C	0.2% (1:500)	0.5% (1:200)	10 minutes
20 to 30°C	0.4% (1:250)	1% (1:100)	15 minutes
10 to 20°C	0.8% (1:125)	2% (1:50)	20 minutes
< 10°C	1.5% (1:67)	4% (1:25)	30 minutes

For professional use only. Use the product with caution. Read the safety data sheet and label before each use.

DT Smart® is available in 5 and 20 litres cans and 200 litres drums

