



F&B EnduroEco

VE9

Acidic self foaming extended contact cleaner- descaler

Description

EnduroEco is an acidic based cleaner designed for daily and periodic use in the food, beverage and dairy industries.

Key properties

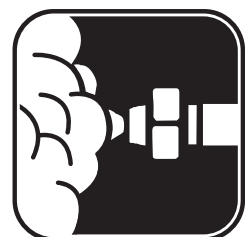
- EnduroEco is a liquid, extended contact, acid based cleaner designed for environmental cleaning in a wide range of food and beverage processing operations. EnduroEco is a completely new 'Thixofoam' technology. When applied, EnduroEco clings to vertical surfaces to provide extended contact time.
- EnduroEco is particularly recommended for the removal of hardened protein residues and water hardness scale.
- EnduroEco will provide similar application characteristics and the visibility of a foam detergent. It will also provide the extended retention times and improved cleaning that are characteristics of a gel solution. After the desired contact time, EnduroEco foam freely rinses and collapses into drains in a fraction of times of traditional foams.
- EnduroEco is based on the unique EnduroPower technology and is free of QAC.

Benefits

- Extended contact time
- Effective against hardness and protein scale build-up
- Can be applied onto heated surfaces
- Fast rinse and collapse: reduces labour, saves time and water, and produces less wastewater
- Free-rinsing: leaves a clean, water break free surface
- Free of QAC

Use instructions

The suggested use concentration of EnduroEco is 2-10% (v/v) depending on the type and degree of soiling. For specific details please refer to individual method cards.





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Technical data

Appearance: Clear pale yellow liquid

pH (1% solution at 20°C): 2

Specific Gravity at 20°C: 1.2

Chemical Oxygen Demand (COD): 330 gO₂/kg

Nitrogen Content (N): 2.7 g/kg

Phosphorous Content (P): 107.4 g/kg

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original closed containers, away from extremes of temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

EnduroEco is suitable for use on materials commonly encountered in the processed food industry, including soft metals such as aluminium, when applied at the recommended concentration and temperature. Always rinse surfaces thoroughly after use (within 1 hour).

In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test method

Reagents:

0.1 N Sodium hydroxide solution

Phenolphthalein indicator

Procedure:

Add 2-3 drops of the indicator solution to 10 ml of the test solution. Titrate with the caustic to a red end point.

Calculation:

% w/w EnduroEco = titre (ml) x 0.15

% v/v EnduroEco = titre (ml) x 0.124